

DAILY REPORT OF WAVES OBSERVATION

STATION : EAST No.0

JUN. 7 1992

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 (DEG)	DEPTH OF WATER (M)
2	174	11.1	140	11.2	106	11.4	69	11.4	104	128 (S E)	36.68	78 (ENE)	20.04
4	128	10.2	102	11.2	84	11.6	56	11.4	103	133 (S E)	2.74	44 (N E)	20.26
6	104	10.8	86	11.3	69	10.7	45	11.1	107	139 (S E)	18.80	259 (W)	20.32
8	148	10.3	126	11.2	98	11.1	65	11.3	105	142 (S E)	4.28	30 (NNE)	20.23
10	108	10.5	100	11.2	86	11.2	57	11.5	102	138 (S E)	12.73	52 (N E)	20.03
12	161	10.6	128	10.6	103	10.9	67	11.2	106	136 (S E)	30.50	68 (ENE)	19.88
14	149	11.2	124	10.8	101	10.6	66	11.3	105	134 (S E)	18.49	77 (ENE)	20.15
16	106	10.8	82	10.7	67	10.6	46	10.6	112	138 (S E)	26.21	267 (W)	20.40
18	129	11.0	104	10.6	78	10.6	51	10.9	109	141 (S E)	28.76	265 (W)	20.48
20	172	11.3	111	10.9	80	11.0	49	11.2	107	142 (S E)	15.64	268 (W)	20.36
22	119	11.2	86	10.8	75	11.1	48	11.1	107	138 (S E)	9.45	62 (ENE)	20.08
24	131	10.7	111	10.5	91	10.4	61	10.7	110	141 (S E)	25.28	73 (ENE)	19.91

JUN. 8 1992

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 (DEG)	DEPTH OF WATER (M)
2	98	11.2	87	10.9	70	10.6	48	11.2	105	133 (S E)	18.07	77 (ENE)	19.97
4	92	11.1	71	10.9	55	10.6	37	11.2	105	128 (S E)	11.19	260 (W)	20.21
6	122	10.7	91	10.9	71	10.9	47	11.1	107	137 (S E)	1.72	236 (S W)	20.34
8	115	10.6	102	10.9	86	11.1	58	11.1	107	141 (S E)	5.54	78 (ENE)	20.36
10	175	10.9	137	11.1	98	10.8	60	10.8	110	148 (SSE)	7.87	50 (N E)	20.19
12	157	11.4	116	11.0	90	11.1	58	11.0	105	143 (S E)	15.59	64 (ENE)	20.06
14	204	11.4	160	10.6	117	10.6	77	10.9	109	144 (S E)	8.83	71 (ENE)	20.11
16	148	10.5	105	11.0	83	10.7	54	10.6	112	138 (S E)	29.06	266 (W)	20.31
18	100	11.1	79	11.4	60	11.1	40	11.5	103	130 (S E)	3.24	70 (ENE)	20.43
20	150	11.2	111	11.5	92	11.5	60	11.7	102	141 (S E)	9.34	77 (ENE)	20.43
22	168	11.0	101	11.3	80	11.2	56	11.4	104	142 (S E)	5.96	44 (N E)	20.17
24	146	12.2	114	10.9	90	11.2	60	11.8	100	140 (S E)	25.44	68 (ENE)	19.89

JUN. 9 1992

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 (DEG)	DEPTH OF WATER (M)
2	195	11.3	150	11.2	102	11.0	64	11.1	107	141 (S E)	11.26	74 (ENE)	19.85
4	123	11.3	107	11.5	86	11.4	55	11.3	104	142 (S E)	30.06	262 (W)	20.06
6	103	10.2	86	11.4	67	11.5	44	12.0	98	137 (S E)	3.61	199 (SSW)	20.24
8	125	10.5	98	11.4	77	11.1	50	11.1	107	143 (S E)	4.60	7 (N)	20.41
10	137	10.0	113	9.8	90	10.9	63	11.3	105	141 (S E)	17.48	63 (ENE)	20.29
12	155	11.3	124	11.5	101	11.6	65	12.2	97	138 (S E)	18.29	68 (ENE)	20.12
14	164	11.0	147	11.2	117	11.3	76	11.0	107	142 (S E)	10.64	67 (ENE)	20.06
16	178	11.0	135	11.4	111	11.5	71	11.5	104	143 (S E)	9.30	267 (W)	20.21
18	140	11.8	113	11.8	93	11.5	64	11.5	103	136 (S E)	10.41	78 (ENE)	20.33
20	111	11.5	87	11.6	71	11.7	47	11.9	100	134 (S E)	3.99	57 (ENE)	20.35
22	132	10.2	107	11.3	86	11.6	58	11.2	106	137 (S E)	10.32	64 (ENE)	20.20
24	142	10.7	124	11.0	102	11.4	67	11.7	101	139 (S E)	9.54	59 (ENE)	19.93

DAILY REPORT OF WAVES OBSERVATION

STATION : EAST NO.0

JUN. 10 1992

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 (16DIR)	DEPTH OF WATER (M)
2	220	11.3	145	11.3	113	11.1	72	11.2	107	135 (S E)	21.45	68 (ENE)	19.77
4	155	11.8	125	10.9	100	11.1	68	11.0	108	138 (S E)	12.68	257 (WSW)	19.91
6	146	12.5	125	11.5	99	11.2	64	10.9	108	138 (S E)	4.03	222 (S W)	20.12
8	132	10.2	103	10.9	77	10.9	50	11.3	105	131 (S E)	1.97	37 (N E)	20.37
10	180	10.6	131	10.6	107	10.7	72	11.0	108	124 (S E)	13.38	57 (ENE)	20.39
12	227	10.9	181	10.8	137	10.7	86	10.8	109	131 (S E)	13.88	64 (ENE)	20.24
14	182	11.2	161	10.7	127	10.7	83	11.0	108	137 (S E)	6.80	64 (ENE)	20.10
16	177	10.9	140	10.9	111	11.0	75	11.2	105	137 (S E)	13.34	267 (W)	20.13
18	171	10.3	151	10.9	118	10.9	81	11.1	106	135 (S E)	5.08	96 (E)	20.22
20	150	10.8	133	11.0	109	10.8	74	10.7	111	135 (S E)	13.96	266 (W)	20.36
22	167	11.1	123	11.4	96	11.1	62	11.3	105	142 (S E)	8.69	272 (W)	20.34
24	207	10.9	167	10.9	133	10.9	94	11.1	106	139 (S E)	6.02	267 (W)	20.07

JUN. 11 1992

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 (16DIR)	DEPTH OF WATER (M)
2	225	10.6	175	11.3	135	11.1	85	11.4	104	142 (S E)	15.85	70 (ENE)	18.85
4	185	11.2	142	10.7	117	10.7	76	10.6	112	139 (S E)	9.96	66 (ENE)	18.82
6	180	11.3	165	10.6	129	10.9	85	11.3	105	140 (S E)	15.21	75 (ENE)	20.00
8	233	10.4	186	10.3	138	10.8	86	11.7	101	140 (S E)	13.05	68 (ENE)	20.31
10	203	12.0	166	11.5	134	11.3	90	11.0	108	138 (S E)	20.08	58 (ENE)	20.46
12	232	10.4	172	11.4	134	11.1	93	11.9	98	147 (SSE)	5.94	30 (NNE)	20.40
14	206	11.4	177	11.5	141	11.3	96	11.6	102	148 (SSE)	5.56	51 (N E)	20.21
16	188	12.1	159	11.2	127	11.4	85	11.4	104	145 (S E)	6.67	55 (N E)	20.13
18	215	11.0	170	11.4	141	11.3	94	11.4	103	135 (S E)	28.90	77 (ENE)	20.10
20	163	11.4	152	11.5	126	11.3	85	12.3	96	141 (S E)	6.19	251 (WSW)	20.23
22	149	11.1	131	10.4	103	10.5	67	10.9	109	144 (S E)	31.57	260 (W)	20.36
24	149	10.8	134	11.5	112	11.5	79	11.5	103	144 (S E)	9.11	63 (ENE)	20.13

JUN. 12 1992

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 (16DIR)	DEPTH OF WATER (M)
2	147	9.2	130	10.7	113	10.9	81	11.7	101	139 (S E)	15.94	59 (ENE)	19.91
4	176	12.0	139	11.0	111	10.8	75	11.3	104	142 (S E)	6.07	55 (N E)	19.77
6	122	10.4	112	11.2	94	11.2	65	11.0	107	137 (S E)	9.44	62 (ENE)	19.88
8	159	11.3	115	10.4	97	10.3	69	10.7	110	142 (S E)	4.33	290 (WNW)	20.13
10	124	11.1	105	10.8	92	10.7	63	11.0	107	144 (S E)	6.59	42 (N E)	20.48
12	144	12.4	128	10.1	103	11.3	68	11.4	105	143 (S E)	4.77	19 (NNE)	20.49
14	145	10.9	109	10.9	87	11.0	57	11.0	108	136 (S E)	12.35	68 (ENE)	20.28
16	123	12.3	102	11.5	91	11.6	55	11.4	104	144 (S E)	2.07	18 (NNE)	20.08
18	112	11.4	90	11.3	74	11.1	50	11.6	102	139 (S E)	6.78	64 (ENE)	20.06
20	127	11.3	105	11.2	84	11.2	58	10.8	110	138 (S E)	13.59	77 (ENE)	20.17
22	103	11.3	85	11.1	71	10.4	50	10.8	110	134 (S E)	3.88	117 (ESE)	20.28
24	106	10.9	85	10.6	67	10.8	46	11.2	106	139 (S E)	0.67	143 (S E)	20.23

DAILY REPORT OF WAVES OBSERVATION

STATION : EAST No.0

JUN. 13 1992

OBS. TIME	MAX. WAVE		1/10 WAVE		1/3 WAVE		MEAN WAVE		NUMBER OF WAVES	WAVE DIRECTION		CURRENT VELOCITY DIRECTION		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	81	10.9	74	11.2	62	11.0	44	11.5	102	144	(S E)	7.61	75	(ENE)	20.00
4	96	10.9	82	11.3	68	11.4	46	11.2	106	145	(S E)	2.22	66	(ENE)	19.77
6	85	11.9	71	10.4	57	10.6	38	11.0	107	147	(SSE)	3.88	261	(W)	19.78
8	117	10.5	82	9.9	74	10.2	47	10.6	111	138	(S E)	16.98	66	(ENE)	19.98
10	125	11.8	92	11.7	68	11.6	42	11.2	105	140	(S E)	10.86	66	(ENE)	20.37
12	93	11.2	74	11.3	59	11.1	41	11.4	104	139	(S E)	3.08	253	(WSW)	20.52
14	100	10.4	86	11.2	65	11.2	43	11.3	104	141	(S E)	2.85	332	(NNW)	20.43
16	120	10.5	82	10.5	61	10.2	41	10.5	112	137	(S E)	7.59	59	(ENE)	20.14
18	175	10.8	112	10.9	78	11.2	48	10.8	108	143	(S E)	4.69	314	(N W)	20.03
20	83	11.6	73	9.2	57	10.1	38	10.4	114	136	(S E)	4.43	127	(S E)	20.04
22	73	9.9	47	10.2	47	10.6	32	11.5	102	137	(S E)	16.41	261	(W)	20.18
24	74	11.0	57	10.3	45	10.5	30	10.5	112	150	(SSE)	27.75	264	(W)	20.28

JUN. 14 1992

OBS. TIME	MAX. WAVE		1/10 WAVE		1/3 WAVE		MEAN WAVE		NUMBER OF WAVES	WAVE DIRECTION		CURRENT VELOCITY DIRECTION		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	72	10.9	57	10.4	48	10.3	32	11.3	103	155	(SSE)	28.98	258	(WSW)	20.14
4	89	10.6	71	10.8	56	10.4	36	10.8	110	153	(SSE)	37.33	267	(W)	19.82
6	81	10.0	66	10.2	51	10.5	36	10.7	108	147	(SSE)	7.57	84	(E)	19.68
8	112	11.1	83	10.1	64	10.5	42	10.9	108	148	(SSE)	16.73	72	(ENE)	18.90
10	71	10.4	64	8.5	50	9.6	34	10.4	113	143	(S E)	2.35	3	(N)	20.24
12	85	11.1	67	10.8	53	10.4	36	10.7	109	139	(S E)	7.81	66	(ENE)	20.58
14	69	10.9	54	10.6	46	10.5	33	10.8	110	142	(S E)	19.55	254	(WSW)	20.50
16	87	12.2	73	11.4	58	11.3	41	11.0	106	149	(SSE)	21.28	260	(W)	20.22
18	82	10.8	71	9.3	58	10.7	40	11.4	104	151	(SSE)	4.20	285	(WNW)	19.94
20	94	10.5	74	10.2	56	10.4	38	10.8	109	145	(S E)	3.15	94	(E)	20.01
22	66	11.3	59	9.9	47	10.2	32	11.1	106	132	(S E)	13.87	74	(ENE)	20.15
24	89	11.6	76	11.2	62	11.3	41	11.3	104	140	(S E)	7.14	267	(WNW)	20.33

JUN. 15 1992

OBS. TIME	MAX. WAVE		1/10 WAVE		1/3 WAVE		MEAN WAVE		NUMBER OF WAVES	WAVE DIRECTION		CURRENT VELOCITY DIRECTION		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	90	9.9	76	10.5	59	10.6	40	11.0	107	138	(S E)	7.09	46	(N E)	20.23
4	93	10.6	79	10.3	63	10.3	42	10.7	110	146	(S E)	14.07	262	(W)	19.92
6	105	9.4	84	8.1	63	9.3	43	10.2	114	146	(S E)	24.15	268	(W)	19.70
8	79	8.4	69	8.1	57	8.8	39	10.0	117	143	(S E)	10.83	71	(ENE)	18.75
10	104	10.1	81	9.1	65	9.4	45	10.6	112	142	(S E)	24.19	80	(E)	20.13
12	73	11.2	61	10.4	50	10.4	34	11.3	105	147	(SSE)	7.50	240	(WSW)	20.51
14	89	11.3	74	10.0	58	10.0	39	10.6	112	143	(S E)	3.81	283	(WNW)	20.57
16	94	10.1	76	9.4	60	9.8	40	10.8	109	148	(SSE)	19.66	256	(WSW)	20.34
18	101	11.8	77	9.7	63	10.0	42	10.9	108	145	(S E)	33.27	275	(W)	20.02
20	72	12.9	66	10.8	55	10.1	38	10.5	111	139	(S E)	7.70	54	(N E)	19.98
22	97	10.0	78	9.9	60	10.1	41	10.9	108	134	(S E)	10.78	73	(ENE)	20.10
24	95	11.5	79	10.0	62	11.1	43	11.5	102	142	(S E)	5.24	231	(S W)	20.34

DAILY REPORT OF WAVES OBSERVATION

STATION : EAST No.0

JUN. 16 1992

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	83	10.0	70	9.8	59	10.2	40	11.1	106	140 (S E)	1.80	3 (N)	20.38
4	94	10.8	80	9.3	64	9.5	42	10.6	110	142 (S E)	18.92	255 (WSW)	20.06
6	87	10.1	88	9.6	57	9.9	39	10.5	110	149 (SSE)	31.04	256 (WSW)	19.77
8	102	9.3	88	9.1	70	8.7	47	10.0	118	148 (SSE)	35.55	260 (W)	19.70
10	89	8.2	77	7.9	66	8.6	44	8.9	118	138 (S E)	13.45	49 (N E)	20.03
12	80	11.6	74	8.5	62	9.4	43	10.2	114	143 (S E)	5.27	288 (WNW)	20.41
14	80	10.7	72	8.7	60	9.2	42	10.4	111	147 (SSE)	4.10	70 (ENE)	20.59
16	121	10.1	97	9.2	78	9.5	51	10.3	115	147 (SSE)	2.88	268 (W)	20.45
18	115	9.7	88	8.9	71	9.4	49	10.4	114	150 (SSE)	18.70	254 (WSW)	20.08
20	91	9.0	81	9.1	65	10.2	46	10.8	109	142 (S E)	5.90	66 (ENE)	19.88
22	104	11.4	76	10.5	60	10.0	41	11.3	105	145 (S E)	10.94	276 (W)	20.02
24	89	10.0	76	9.5	61	10.2	40	10.7	111	130 (S E)	9.27	324 (N W)	20.19

JUN. 17 1992

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	90	9.3	80	10.2	67	9.8	47	10.4	113	135 (S E)	27.67	265 (W)	20.31
4	95	9.4	78	10.8	63	10.5	42	11.5	102	146 (S E)	7.32	281 (WNW)	20.19
6	140	10.5	80	11.0	64	10.8	43	10.7	110	142 (S E)	17.77	68 (ENE)	19.83
8	110	10.8	89	10.0	76	9.5	55	10.6	112	134 (S E)	31.88	70 (ENE)	19.65
10	125	10.7	101	9.8	82	9.6	57	10.5	112	134 (S E)	13.01	70 (ENE)	19.90
12	93	10.4	75	9.7	63	9.5	45	10.3	114	135 (S E)	22.25	272 (W)	20.30
14	114	9.9	84	9.9	69	10.0	48	10.4	114	128 (S E)	26.16	69 (ENE)	20.54
16	92	9.0	68	9.5	57	9.6	40	10.6	113	134 (S E)	16.19	269 (W)	20.49
18	80	10.0	67	9.9	55	9.8	36	10.4	113	148 (SSE)	20.28	261 (W)	20.20
20	104	9.5	85	9.7	70	9.7	48	10.2	115	135 (S E)	14.75	74 (ENE)	18.89
22	102	9.7	91	9.8	70	9.7	49	10.1	117	124 (S E)	10.10	65 (ENE)	19.93
24	82	11.2	58	9.5	49	9.9	35	11.0	106	127 (S E)	35.01	265 (W)	20.14

JUN. 18 1992

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	8.6	66	9.6	53	10.7	36	11.3	103	143 (S E)	11.69	272 (W)	20.30
4	77	11.4	68	10.6	56	10.9	38	11.3	105	137 (S E)	15.12	72 (ENE)	20.24
6	104	9.5	81	10.0	64	10.2	45	10.9	108	145 (S E)	15.29	65 (ENE)	19.99
8	81	11.5	71	9.9	56	9.8	38	10.4	113	142 (S E)	20.22	70 (ENE)	19.76
10	88	13.5	69	10.4	58	10.0	42	10.2	116	136 (S E)	28.73	72 (ENE)	19.86
12	80	11.1	73	10.8	60	10.8	41	11.4	102	140 (S E)	5.40	269 (W)	20.24
14	88	10.4	72	10.1	56	10.2	37	11.1	105	139 (S E)	15.22	274 (W)	20.51
16	98	9.8	79	10.0	63	9.8	43	10.6	110	145 (S E)	3.81	284 (WNW)	20.53
18	97	10.0	71	10.4	59	10.7	41	11.4	104	153 (SSE)	5.68	294 (WNW)	20.31
20	93	10.4	78	10.3	65	10.8	44	11.5	102	145 (S E)	5.15	66 (ENE)	20.01
22	117	11.9	93	10.1	77	9.7	54	10.5	112	141 (S E)	6.11	280 (W)	19.96
24	91	10.7	72	9.4	56	9.8	37	10.7	110	130 (S E)	3.28	161 (SSE)	20.10

DAILY REPORT OF WAVES OBSERVATION

STATION : EAST No. 0

JUN. 19 1992

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	86	9.9	61	10.1	47	10.7	32	11.1	106	142 (S E)	30.67	262 (W)	20.34
4	70	11.8	63	11.3	50	11.5	34	11.9	100	146 (S E)	4.08	304 (N W)	20.32
6	120	10.3	100	9.4	85	9.5	59	10.9	109	145 (S E)	3.26	43 (N E)	20.10
8	129	10.3	96	9.8	77	10.1	51	10.7	110	140 (S E)	5.92	63 (ENE)	19.88
10	104	10.4	96	10.0	73	9.9	49	10.2	116	139 (S E)	16.66	68 (ENE)	19.90
12	112	10.5	83	10.0	65	9.9	43	10.9	108	133 (S E)	18.38	68 (ENE)	20.15
14	80	11.5	69	10.4	57	10.3	39	10.8	108	137 (S E)	6.55	280 (W)	20.46
16	94	10.0	77	9.8	57	10.1	37	10.9	108	148 (SSE)	19.35	259 (W)	20.57
18	59	9.0	52	9.1	45	9.3	31	11.2	104	142 (S E)	5.02	264 (W)	20.33
20	68	12.2	60	9.8	50	9.9	35	10.8	110	137 (S E)	5.15	70 (ENE)	20.02
22	68	8.9	52	8.8	41	8.4	29	10.2	115	141 (S E)	23.65	264 (W)	19.95
24	62	8.8	55	9.2	46	9.5	32	11.0	106	125 (S E)	7.69	78 (ENE)	20.04

JUN. 20 1992

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	80	9.0	69	9.4	57	9.1	40	10.5	113	124 (S E)	8.21	283 (WNW)	20.25
4	84	9.4	74	8.9	59	9.3	39	10.5	112	140 (S E)	9.95	269 (W)	20.31
6	130	10.0	94	8.6	72	9.1	48	9.9	120	142 (S E)	18.94	259 (W)	20.17
8	96	12.4	82	9.5	66	9.9	45	10.1	116	149 (SSE)	21.53	268 (W)	19.96
10	123	10.0	85	9.6	68	9.3	44	10.2	116	144 (S E)	5.75	233 (S W)	19.92
12	86	9.6	74	9.6	63	9.7	44	10.8	109	139 (S E)	10.71	62 (ENE)	20.08
14	117	9.3	95	9.8	75	9.8	52	10.4	113	140 (S E)	14.04	63 (ENE)	20.35
16	117	8.7	96	9.1	76	10.1	53	10.2	115	142 (S E)	5.73	38 (N E)	20.52
18	124	9.9	99	8.6	84	9.3	57	10.6	112	143 (S E)	4.62	2 (N)	20.36
20	100	10.3	90	9.4	73	9.9	48	10.5	110	147 (SSE)	5.97	269 (W)	20.08
22	89	9.1	81	9.2	70	9.3	48	10.2	115	150 (SSE)	6.28	294 (WNW)	19.97
24	130	9.7	91	9.2	74	9.3	51	10.6	112	143 (S E)	7.03	52 (N E)	20.02

JUN. 21 1992

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	120	10.7	84	9.8	67	9.6	47	10.1	117	134 (S E)	29.19	71 (ENE)	20.19
4	141	9.6	91	9.2	71	9.2	46	10.0	118	127 (S E)	17.90	73 (ENE)	20.31
6	97	9.3	83	8.9	69	8.0	45	9.9	118	137 (S E)	4.50	44 (N E)	20.27
8	90	9.3	82	9.1	70	9.1	48	10.0	119	143 (S E)	4.16	304 (N W)	20.09
10	107	8.0	88	8.4	76	8.5	54	9.3	125	144 (S E)	9.97	283 (WNW)	19.99
12	92	9.1	77	8.0	62	8.5	42	10.2	115	136 (S E)	4.56	28 (NNE)	20.09
14	110	8.9	92	7.7	74	8.6	50	9.7	122	136 (S E)	19.60	66 (ENE)	20.31
16	119	8.4	96	7.5	81	7.9	56	9.2	126	125 (S E)	22.25	70 (ENE)	20.49
18	110	8.3	90	8.2	69	8.3	44	9.8	119	134 (S E)	6.53	289 (WNW)	20.43
20	96	8.4	85	8.0	70	8.3	48	10.1	118	136 (S E)	5.43	276 (W)	20.14
22	101	11.9	86	8.0	66	8.1	45	10.6	111	142 (S E)	4.43	36 (N E)	19.95
24	85	10.6	78	9.9	66	9.8	46	10.9	107	144 (S E)	4.27	69 (ENE)	19.95

DAILY REPORT OF WAVES OBSERVATION

STATION : EAST No.0

JUN. 22 1992

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	74	13.0	63	10.5	54	10.8	36	11.6	100	135 (S E)	8.39	60 (ENE)	20.10
4	78	8.8	61	9.3	50	9.4	35	10.4	111	125 (S E)	9.97	75 (ENE)	20.22
6	83	10.4	72	8.6	62	9.2	42	10.6	109	144 (S E)	8.74	289 (WNW)	20.28
8	79	9.9	60	9.4	49	10.2	33	11.1	106	145 (S E)	8.53	271 (W)	20.14
10	86	11.3	70	9.9	57	9.5	38	11.0	107	147 (SSE)	19.20	273 (W)	20.05
12	89	13.3	75	9.8	63	11.0	44	11.2	106	147 (SSE)	4.00	18 (NNE)	20.06
14	101	11.1	70	8.9	55	10.1	38	11.2	106	140 (S E)	14.63	70 (ENE)	20.21
16	80	13.3	59	11.6	47	12.2	32	11.8	99	147 (SSE)	10.33	266 (W)	20.40
18	56	13.1	51	9.6	44	10.8	31	11.6	101	156 (SSE)	17.08	270 (W)	20.42
20	71	10.4	60	11.2	48	10.4	34	11.7	101	150 (SSE)	4.64	290 (WNW)	20.19
22	69	12.7	58	12.5	50	11.9	36	12.0	99	148 (SSE)	7.36	53 (N E)	19.95
24	89	11.0	85	12.1	68	11.8	48	12.2	96	151 (SSE)	3.39	12 (NNE)	19.92

JUN. 23 1992

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	91	12.0	72	11.8	60	11.6	42	11.9	98	149 (SSE)	8.35	39 (N E)	20.03
4	62	10.9	55	11.6	47	11.4	32	11.9	97	141 (S E)	14.41	74 (ENE)	20.17
6	72	11.0	61	12.0	49	11.8	34	11.8	99	151 (SSE)	4.56	286 (WNW)	20.25
8	88	11.8	80	10.9	68	10.9	48	11.1	107	153 (SSE)	3.24	9 (N)	20.26
10	114	9.5	85	10.5	70	10.3	47	11.2	106	151 (SSE)	10.91	272 (W)	20.14
12	123	10.9	95	11.5	76	11.8	52	11.4	103	149 (SSE)	6.40	55 (N E)	20.11
14	86	11.4	75	9.2	62	10.6	44	11.2	106	143 (S E)	10.66	54 (N E)	20.24
16	78	12.4	66	11.4	53	11.8	38	11.7	102	146 (S E)	24.32	78 (ENE)	20.31
18	77	10.2	68	11.5	54	11.9	36	11.8	99	147 (SSE)	4.17	6 (N)	20.38
20	71	10.5	59	10.8	50	10.9	35	12.0	97	151 (SSE)	2.55	323 (N W)	20.25
22	73	11.4	57	11.0	43	11.8	28	12.1	97	144 (S E)	6.95	51 (N E)	20.06
24	73	12.2	64	12.1	53	12.2	40	11.6	102	142 (S E)	5.79	27 (NNE)	19.95

JUN. 24 1992

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	70	11.7	55	11.8	42	11.5	29	12.3	94	143 (S E)	10.47	71 (ENE)	20.00
4	62	11.8	52	11.5	43	11.7	30	11.6	101	143 (S E)	32.54	74 (ENE)	20.07
6	66	10.6	57	10.6	44	11.2	31	11.8	99	142 (S E)	5.60	124 (S E)	20.23
8	71	11.5	61	11.9	50	11.8	34	12.1	98	149 (SSE)	7.57	277 (W)	20.29
10	55	12.4	49	11.9	41	12.0	29	12.2	97	152 (SSE)	13.82	269 (W)	20.26
12	88	11.4	68	11.7	55	12.1	37	12.1	98	149 (SSE)	8.31	265 (W)	20.24
14	89	12.5	66	11.7	51	12.0	35	12.1	96	152 (SSE)	2.28	53 (N E)	20.22
16	87	12.7	83	11.0	68	11.6	46	12.0	99	144 (S E)	24.04	70 (ENE)	20.25
18	94	12.0	70	11.6	54	12.0	35	12.1	97	143 (S E)	12.59	261 (W)	20.33
20	72	11.7	65	11.9	51	12.3	33	12.1	97	146 (S E)	7.37	275 (W)	20.30
22	87	11.6	65	12.4	50	12.2	35	12.1	98	144 (S E)	11.07	272 (W)	20.12
24	93	10.9	74	11.0	60	11.3	43	11.4	104	148 (SSE)	8.59	63 (ENE)	20.02

DAILY REPORT OF WAVES OBSERVATION

STATION : EAST No.0

JUN. 25 1992

OBS. TIME	MAX. WAVE		1/10 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	65	12.9	55	11.2	45	10.6	31	11.4	102	141	(S E)	13.93	60	(ENE)	19.97
4	85	11.2	68	10.8	51	11.1	35	11.1	105	142	(S E)	12.74	63	(ENE)	20.01
6	72	11.7	64	10.5	50	10.6	35	11.6	102	142	(S E)	3.87	41	(N E)	20.22
8	79	11.1	64	10.5	50	11.9	33	11.8	101	143	(S E)	3.29	346	(NNW)	20.34
10	71	10.5	59	9.1	48	10.3	33	11.6	102	141	(S E)	16.15	272	(W)	20.38
12	71	12.0	55	11.9	45	11.5	30	11.5	100	145	(S E)	16.95	255	(WSW)	20.32
14	89	11.9	71	10.4	55	11.4	37	12.2	96	151	(SSE)	15.77	260	(W)	20.21
16	85	12.7	74	11.1	55	11.4	38	11.8	100	150	(SSE)	3.93	355	(N)	20.19
18	79	10.4	61	10.9	50	10.7	37	11.3	104	140	(S E)	12.86	67	(ENE)	20.27
20	83	10.0	66	10.3	54	10.6	37	11.8	100	142	(S E)	6.74	285	(WNW)	20.29
22	87	11.6	63	10.4	52	10.2	36	11.2	106	145	(S E)	4.17	278	(W)	20.19
24	97	11.4	74	11.8	55	11.4	38	11.5	102	155	(SSE)	32.60	257	(WSW)	20.03

JUN. 26 1992

OBS. TIME	MAX. WAVE		1/10 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	88	10.5	76	8.9	60	10.3	41	10.9	108	156	(SSE)	26.84	261	(W)	19.89
4	137	10.5	91	9.7	71	10.1	48	11.2	106	148	(SSE)	16.52	269	(W)	19.89
6	103	12.4	94	10.4	75	9.9	52	10.9	109	151	(SSE)	5.71	271	(W)	20.03
8	115	8.6	89	10.5	70	10.0	50	10.9	108	148	(SSE)	4.72	55	(N E)	20.26
10	94	12.7	83	10.1	71	10.4	50	10.9	107	149	(SSE)	13.15	259	(W)	20.41
12	142	10.7	101	9.2	75	9.1	50	10.0	118	151	(SSE)	22.37	261	(W)	20.36
14	134	11.2	110	10.6	90	10.2	61	10.8	110	155	(SSE)	28.30	266	(W)	20.19
16	138	11.1	116	9.2	94	9.9	65	10.6	111	155	(SSE)	24.73	284	(WNW)	20.09
18	144	11.1	107	10.7	85	10.3	57	10.5	112	151	(SSE)	21.98	72	(ENE)	20.11
20	92	10.5	82	8.6	70	9.9	50	10.4	114	141	(S E)	16.87	69	(ENE)	20.21
22	116	10.3	93	9.1	74	9.4	50	10.4	113	146	(S E)	4.86	68	(ENE)	20.20
24	120	10.9	94	10.4	72	10.5	46	11.3	104	138	(SSE)	38.91	258	(WSW)	20.08

JUN. 27 1992

OBS. TIME	MAX. WAVE		1/10 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	104	10.4	90	9.9	73	9.7	51	10.4	114	154	(SSE)	36.36	256	(WSW)	19.85
4	104	12.8	85	9.9	66	8.7	45	11.0	105	143	(S E)	52.82	280	(W)	19.72
6	105	10.3	88	10.1	71	10.2	48	11.2	106	156	(SSE)	7.76	336	(NNW)	18.54
8	109	8.4	92	8.6	72	9.5	48	10.9	109	150	(SSE)	12.01	84	(E)	20.08
10	105	8.8	83	8.8	66	9.1	47	10.0	116	143	(S E)	5.83	64	(ENE)	20.36
12	93	12.6	82	9.6	64	9.4	42	10.6	110	150	(SSE)	28.17	259	(W)	20.45
14	96	9.2	75	9.6	61	8.4	43	10.5	113	156	(SSE)	38.32	259	(W)	20.28
16	95	9.4	80	9.5	66	9.6	46	11.0	106	155	(SSE)	36.50	267	(W)	20.07
18	84	8.0	67	8.9	57	9.7	42	10.4	112	150	(SSE)	18.47	59	(ENE)	20.02
20	81	8.3	67	8.1	54	9.9	37	11.1	105	135	(S E)	16.03	70	(ENE)	20.11
22	58	9.3	52	9.5	43	10.4	30	10.9	108	139	(S E)	7.49	283	(WNW)	20.18
24	76	9.3	55	9.7	43	10.2	29	10.8	107	138	(S E)	22.67	268	(W)	20.15

DAILY REPORT OF WAVES OBSERVATION

STATION : EAST No.0

JUN. 28 1992

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)	16DIR	CURRENT VELOCITY (CM/S)	CURRENT DIRECTION (DEG)	DEPTH OF WATER (M)
2	77	7.8	68	9.2	55	10.0	38	10.4	113	151	(SSE)	39.43	257 (WSW)	19.92
4	71	10.9	65	9.4	54	9.1	37	10.6	110	158	(SSE)	46.90	257 (WSW)	19.71
6	112	8.9	78	8.8	60	9.0	42	10.1	115	152	(SSE)	44.33	285 (WNW)	19.68
8	90	9.2	78	8.2	66	9.9	46	10.5	110	143	(S E)	21.45	71 (ENE)	18.95
10	140	9.3	92	8.9	72	9.5	48	10.1	116	141	(S E)	10.34	258 (WSW)	20.35
12	92	10.0	85	10.4	68	10.2	45	11.0	106	147	(SSE)	24.96	255 (WSW)	20.52
14	87	10.0	75	8.9	63	9.4	48	10.2	115	151	(SSE)	33.00	252 (WSW)	20.38
16	119	9.7	103	9.2	85	9.2	59	9.7	122	148	(SSE)	23.61	253 (WSW)	20.10
18	109	9.8	100	9.1	83	9.0	56	10.0	117	149	(SSE)	8.27	21 (NNE)	18.97
20	105	10.2	75	9.9	67	9.3	39	10.2	113	135	(S E)	28.42	75 (ENE)	20.07
22	98	9.5	83	9.4	67	9.3	47	10.1	117	135	(S E)	2.55	259 (W)	20.19
24	108	10.3	93	9.6	77	9.5	52	10.3	115	145	(S E)	20.66	263 (W)	20.26

JUN. 29 1992

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)	16DIR	CURRENT VELOCITY (CM/S)	CURRENT DIRECTION (DEG)	DEPTH OF WATER (M)
2	151	10.2	104	9.2	75	9.3	51	9.9	119	145	(S E)	21.62	256 (WSW)	20.01
4	104	9.8	84	8.5	69	9.4	47	10.1	117	143	(S E)	11.84	43 (N E)	19.77
6	164	10.2	109	9.3	86	9.4	58	9.9	118	142	(S E)	13.44	71 (ENE)	19.65
8	143	9.8	107	9.5	81	9.2	51	9.9	119	135	(S E)	17.51	67 (ENE)	19.83
10	136	10.0	115	9.7	91	9.7	60	10.5	113	137	(S E)	11.45	63 (ENE)	20.21
12	141	10.8	112	9.7	90	10.0	60	10.3	115	140	(S E)	12.55	41 (N E)	20.58
14	157	9.1	138	9.6	107	9.6	70	10.0	119	146	(S E)	7.16	281 (W)	20.52
16	190	8.1	162	9.6	128	9.5	84	9.8	120	143	(S E)	10.52	216 (S W)	20.23
18	148	9.6	117	9.7	100	9.2	69	9.8	120	138	(S E)	2.92	324 (N W)	19.99
20	117	9.5	101	10.0	82	9.9	56	10.1	117	130	(S E)	12.18	63 (ENE)	19.99
22	146	10.6	107	9.9	87	9.8	56	10.1	118	126	(S E)	11.93	262 (W)	20.12
24	143	10.6	102	10.3	77	10.0	48	10.3	115	136	(S E)	6.40	347 (NNW)	20.26

JUN. 30 1992

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)	16DIR	CURRENT VELOCITY (CM/S)	CURRENT DIRECTION (DEG)	DEPTH OF WATER (M)
2	109	10.0	83	9.4	68	9.3	45	9.7	121	140	(S E)	46.21	264 (W)	20.13
4	139	10.0	118	9.7	90	9.5	58	9.9	119	136	(S E)	8.10	59 (ENE)	19.87
6	141	9.1	122	9.1	101	9.4	70	9.8	120	138	(S E)	18.41	261 (W)	19.68
8	188	9.5	135	9.3	107	9.4	72	9.6	124	140	(S E)	11.34	274 (W)	19.74
10	156	8.6	124	9.4	102	9.2	70	9.7	122	125	(S E)	13.93	66 (ENE)	20.14
12	173	9.5	138	9.5	109	9.6	75	9.7	122	134	(S E)	3.62	322 (N W)	20.56
14	121	10.3	101	9.7	86	9.4	60	9.6	124	125	(S E)	13.00	53 (N E)	20.58
16	149	9.0	115	9.2	90	9.3	61	9.6	125	134	(S E)	6.91	51 (N E)	20.30
18	181	9.7	132	9.4	100	9.4	64	9.9	120	141	(S E)	4.78	51 (N E)	20.01
20	132	10.1	117	9.4	94	9.2	67	9.5	124	124	(S E)	10.80	72 (ENE)	19.92
22	125	8.5	111	9.1	96	9.5	67	9.8	122	117	(ESE)	8.74	93 (E)	20.04
24	106	9.8	83	9.5	66	9.7	46	10.4	113	123	(ESE)	34.05	263 (W)	20.27

DAILY REPORT OF WAVES OBSERVATION

STATION : EAST No.0

JUL. 1 1992

OBS. TIME	MAX. WAVE		1/10 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)	(DEG) (16DIR)	(CM/S)	(DEG) (16DIR)		
2	81	10.5	66	9.2	56	9.5	39	10.2	115	135	(S E)	13.90	72	(ENE)	20.25
4	141	8.1	112	8.8	87	9.1	56	9.8	120	132	(S E)	19.75	64	(ENE)	19.98
6	125	8.5	109	8.8	88	8.7	58	9.3	126	131	(S E)	11.62	54	(N E)	18.68
8	133	9.4	109	9.4	89	9.5	58	9.8	121	127	(S E)	9.82	55	(N E)	18.67
10	127	10.9	108	9.2	86	9.2	57	9.8	121	123	(ESE)	12.05	75	(ENE)	20.00
12	148	10.4	108	9.8	82	9.6	56	10.3	115	134	(S E)	7.52	64	(ENE)	20.44
14	107	9.3	92	9.4	81	9.5	55	10.5	112	134	(S E)	4.72	26	(NNE)	20.62
16	92	9.9	78	9.4	64	9.2	43	10.0	117	137	(S E)	8.87	274	(W)	20.45
18	101	9.6	82	8.9	67	8.9	46	10.2	116	136	(S E)	24.81	269	(W)	20.11
20	99	10.3	84	9.8	68	9.4	47	10.1	117	136	(S E)	12.78	71	(ENE)	18.81
22	110	9.9	84	10.3	68	10.5	47	10.5	112	131	(S E)	8.80	79	(E)	20.03
24	120	10.9	92	9.7	75	9.3	51	10.4	113	128	(S E)	18.45	271	(W)	20.23

JUL. 2 1992

OBS. TIME	MAX. WAVE		1/10 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)	(DEG) (16DIR)	(CM/S)	(DEG) (16DIR)		
2	117	9.8	90	9.5	69	9.9	46	10.5	111	138	(S E)	9.18	254	(WSW)	20.38
4	117	9.8	99	9.2	78	9.3	50	10.2	116	141	(S E)	23.73	260	(W)	20.17
6	147	9.9	100	9.0	77	9.3	51	9.9	118	141	(S E)	21.73	269	(W)	19.80
8	114	9.5	92	9.1	78	9.1	54	9.7	122	144	(S E)	18.55	72	(ENE)	19.63
10	126	9.6	81	9.7	67	9.8	46	10.7	110	145	(S E)	19.07	73	(ENE)	19.88
12	104	10.0	84	8.9	68	9.1	46	9.8	121	125	(S E)	12.71	70	(ENE)	20.33
14	136	10.1	107	9.0	86	9.2	57	9.9	119	135	(S E)	6.36	279	(W)	20.63
16	125	9.2	101	9.5	80	9.7	54	10.1	117	138	(S E)	9.73	264	(W)	20.56
18	129	7.8	114	8.9	92	9.2	61	9.7	121	137	(S E)	23.16	254	(WSW)	20.20
20	164	10.4	122	9.2	94	9.2	57	9.8	119	139	(S E)	16.72	71	(ENE)	19.90
22	181	9.4	147	9.0	115	9.0	75	9.5	126	139	(S E)	28.87	73	(ENE)	19.93
24	122	9.4	111	8.6	94	8.8	63	9.7	122	134	(S E)	9.17	54	(N E)	20.21

JUL. 3 1992

OBS. TIME	MAX. WAVE		1/10 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)	(DEG) (16DIR)	(CM/S)	(DEG) (16DIR)		
2	110	10.0	99	8.4	80	8.4	55	10.2	115	140	(S E)	15.69	258	(WSW)	20.46
4	122	9.6	104	8.6	87	8.9	61	9.5	125	136	(S E)	7.60	270	(W)	20.36
6	116	9.9	101	9.0	81	8.7	55	9.5	123	144	(S E)	39.07	261	(W)	19.97
8	123	10.6	94	9.2	77	8.9	55	9.1	129	139	(S E)	60.89	268	(W)	19.69
10	139	9.9	111	8.6	83	8.8	54	9.6	119	141	(S E)	19.59	56	(N E)	19.81
12	121	9.2	99	9.1	81	9.2	56	9.7	122	139	(S E)	11.43	52	(N E)	20.20
14	118	9.2	97	8.6	75	9.1	51	9.9	118	142	(S E)	19.41	268	(W)	20.55
16	117	10.3	99	8.8	78	9.2	51	9.7	121	141	(S E)	4.32	300	(WNW)	20.62
18	107	9.1	98	9.0	82	9.1	56	10.0	117	143	(S E)	30.50	264	(W)	20.31
20	121	8.9	105	9.2	88	9.0	60	9.9	119	148	(SSE)	23.02	264	(W)	19.94
22	107	9.3	94	8.9	79	9.2	53	9.7	122	145	(S E)	22.30	78	(ENE)	18.85
24	113	9.1	85	9.6	67	9.5	47	9.5	123	129	(S E)	10.83	65	(ENE)	20.11

DAILY REPORT OF WAVES OBSERVATION

STATION : EAST No. 0

JUL. 4 1992

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	113	10.1	96	10.2	79	9.8	52	10.2	117	138 (S E)	1.36	208 (SSW)	20.43
4	148	10.0	96	10.1	76	9.9	52	10.3	116	140 (S E)	4.77	204 (SSW)	20.49
6	162	9.3	130	9.8	105	9.8	66	10.2	115	139 (S E)	18.59	259 (W)	20.21
8	133	11.0	99	10.0	84	10.5	55	10.5	112	135 (S E)	46.82	266 (W)	19.88
10	140	10.2	118	10.5	95	10.2	61	10.4	113	146 (S E)	22.15	266 (W)	18.84
12	153	10.4	121	10.3	100	9.9	64	10.3	114	145 (S E)	26.06	74 (ENE)	20.10
14	130	9.9	142	10.2	113	10.3	71	10.3	115	139 (S E)	11.92	75 (ENE)	20.46
16	181	10.9	153	10.8	118	10.4	77	10.7	110	141 (S E)	3.67	231 (S W)	20.63
18	145	10.8	127	10.4	107	10.3	71	10.7	111	145 (S E)	26.35	257 (WSW)	20.41
20	160	10.3	122	10.5	89	10.3	65	10.8	110	143 (S E)	43.44	272 (W)	20.02
22	115	10.5	105	10.2	89	10.3	61	10.7	111	144 (S E)	12.71	66 (ENE)	19.83
24	132	10.8	101	10.1	86	10.1	58	10.3	115	140 (S E)	26.61	76 (ENE)	19.97

JUL. 5 1992

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	143	9.6	120	10.5	95	10.5	62	10.9	109	145 (S E)	2.52	49 (N E)	20.28
4	115	10.3	106	10.5	87	10.4	58	10.2	116	144 (S E)	11.32	257 (WSW)	20.49
6	137	10.6	104	9.7	82	10.2	54	10.9	108	144 (S E)	14.20	260 (W)	20.37
8	139	10.2	112	10.1	94	10.0	63	10.7	110	149 (SSE)	27.63	261 (W)	20.07
10	88	10.5	75	10.6	66	10.7	47	10.9	108	141 (S E)	1.92	225 (S W)	18.92
12	99	10.8	85	10.9	70	10.4	49	10.5	112	142 (S E)	13.41	85 (E)	20.05
14	120	11.3	99	10.8	75	10.4	47	11.4	103	143 (S E)	22.63	76 (ENE)	20.37
16	90	10.9	76	10.7	59	10.5	38	11.3	100	142 (S E)	1.46	240 (WSW)	20.55
18	86	13.0	72	11.6	61	11.4	42	11.8	100	149 (SSE)	4.00	259 (W)	20.45
20	77	11.4	65	10.8	53	10.6	38	11.3	102	155 (SSE)	4.32	236 (S W)	20.11
22	74	10.8	66	10.1	55	10.1	38	11.2	103	151 (SSE)	5.39	53 (N E)	19.86
24	87	13.8	68	11.5	55	11.6	38	11.7	98	146 (S E)	14.51	69 (ENE)	19.87

JUL. 6 1992

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	84	11.4	63	10.9	44	11.7	28	12.1	97	137 (S E)	14.68	263 (W)	20.10
4	65	10.2	58	10.2	48	10.5	33	11.4	103	167 (SSE)	20.83	260 (W)	20.42
6	53	12.0	43	11.8	37	11.3	26	11.9	97	145 (S E)	7.40	72 (ENE)	20.41
8	54	13.7	45	12.6	38	12.6	27	12.8	92	150 (SSE)	2.37	104 (ESE)	20.20
10	66	11.3	53	11.9	42	11.8	28	12.5	95	149 (SSE)	2.62	25 (NNE)	20.05
12	60	12.3	55	12.5	44	12.4	32	12.2	96	143 (S E)	13.34	69 (ENE)	20.07
14	80	12.2	61	12.6	50	12.7	33	12.7	93	147 (SSE)	15.80	267 (W)	20.28
16	69	10.9	52	12.6	42	12.7	30	12.7	93	134 (S E)	10.65	85 (ENE)	20.45
18	59	10.1	51	12.0	41	12.7	27	13.4	88	144 (S E)	12.74	263 (W)	20.44
20	71	11.0	59	11.8	46	12.0	31	12.2	95	141 (S E)	6.37	270 (W)	20.18
22	101	11.9	75	11.8	62	11.8	41	12.6	94	141 (S E)	6.10	242 (WSW)	19.91
24	80	13.4	75	11.9	63	11.7	41	11.7	100	137 (S E)	18.89	74 (ENE)	19.83

DAILY REPORT OF WAVES OBSERVATION

STATION : EAST No.0

JUL. 7 1992

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 (DEG)	DEPTH OF WATER (M)
2	97	12.7	84	10.9	74	11.5	50	11.8	101	136 (S E)	25.76	75 (ENE)	20.01
4	121	12.4	93	12.7	68	12.0	46	12.0	99	134 (S E)	16.36	74 (ENE)	20.29
6	128	11.5	99	11.9	75	11.6	47	11.9	100	133 (S E)	16.06	88 (E)	20.38
8	109	11.3	84	12.0	64	11.8	42	12.0	99	137 (S E)	14.15	79 (E)	20.30
10	91	13.0	78	12.3	60	11.7	38	12.0	99	142 (S E)	1.79	297 (WNW)	20.15
12	124	11.3	98	11.5	80	11.6	50	11.4	104	140 (S E)	6.20	74 (ENE)	20.12
14	146	11.3	125	11.5	97	11.5	65	12.0	98	138 (S E)	10.89	66 (ENE)	20.23
16	129	11.2	112	11.1	89	11.1	58	11.3	104	139 (S E)	9.25	86 (E)	20.38
18	116	10.8	94	11.4	71	11.4	46	11.5	103	140 (S E)	10.50	80 (E)	20.43
20	121	11.0	108	11.3	86	11.3	55	11.7	101	138 (S E)	12.31	67 (ENE)	20.25
22	122	10.6	104	11.2	78	11.7	51	11.6	102	141 (S E)	9.53	264 (W)	20.01
24	102	12.2	88	10.5	73	11.0	48	11.4	104	143 (S E)	7.89	255 (WSW)	19.87

JUL. 8 1992

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 (DEG)	DEPTH OF WATER (M)
2	86	12.0	76	11.4	61	11.3	42	11.3	105	142 (S E)	2.47	53 (N E)	19.91
4	107	11.6	92	11.3	76	11.2	47	11.1	106	136 (S E)	7.08	68 (ENE)	20.12
6	119	11.5	96	11.2	76	11.3	53	11.3	105	135 (S E)	8.98	86 (E)	20.34
8	131	10.8	99	10.9	77	11.0	50	11.2	106	141 (S E)	1.45	58 (ENE)	20.39
10	92	11.1	84	11.3	65	11.4	43	11.3	104	142 (S E)	3.57	255 (WSW)	20.31
12	115	11.2	88	11.1	69	11.2	46	11.1	105	142 (S E)	10.36	253 (WSW)	20.21
14	98	10.1	83	10.8	68	10.7	45	10.8	109	146 (S E)	1.47	308 (N W)	20.21
16	100	12.2	89	11.0	74	10.7	49	11.0	107	140 (S E)	13.80	74 (ENE)	20.31
18	119	10.8	94	10.9	72	11.3	47	11.2	106	141 (S E)	6.72	96 (E)	20.39
20	129	10.3	109	10.7	93	10.7	62	10.9	108	141 (S E)	5.51	280 (W)	20.33
22	111	11.3	102	11.0	82	10.9	53	11.7	101	141 (S E)	6.80	74 (ENE)	20.12
24	131	11.2	115	10.7	88	10.7	56	10.9	108	144 (S E)	4.24	232 (S W)	19.92

JUL. 9 1992

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 (DEG)	DEPTH OF WATER (M)
2	121	10.7	94	10.6	71	10.5	47	10.7	110	144 (S E)	3.89	262 (W)	19.87
4	132	9.8	95	10.7	77	10.6	51	10.8	109	144 (S E)	20.83	264 (W)	20.03
6	121	9.9	94	10.4	79	10.4	55	10.8	110	143 (S E)	11.38	254 (WSW)	20.25
8	118	8.0	97	10.2	78	10.5	51	11.1	106	143 (S E)	5.48	273 (W)	20.39
10	126	10.4	100	10.9	77	10.5	51	11.1	106	145 (S E)	17.32	261 (W)	20.38
12	107	10.8	97	11.0	77	11.0	52	10.9	108	147 (SSE)	19.10	255 (WSW)	20.26
14	102	12.3	91	11.5	77	11.0	52	10.8	110	143 (S E)	15.56	259 (W)	20.20
16	116	10.3	98	10.2	82	10.5	54	10.9	108	141 (S E)	9.42	272 (W)	20.21
18	169	10.4	114	10.7	84	11.0	55	10.8	109	140 (S E)	15.09	68 (ENE)	20.29
20	119	11.9	95	11.3	75	11.0	52	11.0	107	139 (S E)	9.92	71 (ENE)	20.29
22	109	11.3	88	11.4	69	10.9	47	11.1	106	139 (S E)	4.97	260 (W)	20.18
24	109	11.5	89	10.9	72	10.7	48	11.0	108	140 (S E)	9.81	257 (WSW)	19.98

DAILY REPORT OF WAVES OBSERVATION

STATION : EAST No.0

JUL. 10 1982

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 (DEG)	DEPTH OF WATER (M)
2	108	12.2	93	11.1	76	10.7	52	11.0	107	143 (S E)	16.71	249 (WSW)	19.84
4	129	10.7	109	9.9	89	10.2	59	10.5	111	144 (S E)	21.52	254 (WSW)	18.89
6	88	10.8	76	10.5	65	10.6	44	10.9	107	142 (S E)	21.74	253 (WSW)	20.07
8	116	11.1	94	10.8	76	11.0	48	12.0	97	147 (SSE)	21.16	257 (WSW)	20.28
10	132	10.9	109	9.8	84	10.3	53	10.6	112	140 (S E)	18.40	249 (WSW)	20.39
12	121	9.1	111	9.7	86	9.8	57	10.1	116	140 (S E)	18.94	258 (WSW)	20.28
14	134	10.6	109	9.7	84	9.7	54	10.4	114	139 (S E)	12.20	266 (W)	20.17
16	106	9.6	87	10.6	72	10.2	49	10.2	114	143 (S E)	2.21	241 (WSW)	20.14
18	161	10.0	102	9.6	82	10.0	54	10.5	112	139 (S E)	16.49	74 (ENE)	20.18
20	102	9.9	74	9.6	61	9.8	41	10.6	111	133 (S E)	11.37	68 (ENE)	20.23
22	112	9.8	94	9.3	78	9.7	52	10.3	114	131 (S E)	21.62	78 (ENE)	20.21
24	133	9.8	109	9.5	90	9.5	60	10.6	111	139 (S E)	1.32	63 (ENE)	20.08

JUL. 11 1982

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 (DEG)	DEPTH OF WATER (M)
2	137	9.9	101	9.4	81	9.5	55	10.1	117	132 (S E)	8.02	74 (ENE)	19.87
4	132	9.9	102	9.3	84	9.1	56	10.2	115	138 (S E)	23.75	262 (W)	18.80
6	127	10.2	107	9.1	80	9.5	52	10.2	115	138 (S E)	17.17	254 (WSW)	18.97
8	130	10.5	99	9.3	78	9.7	50	10.3	115	139 (S E)	7.13	246 (WSW)	20.17
10	111	9.0	93	9.7	78	9.4	51	10.4	113	135 (S E)	9.68	86 (E)	20.37
12	104	10.6	90	10.6	72	10.4	48	11.2	141	141 (S E)	5.99	237 (WSW)	20.44
14	160	10.1	112	9.5	86	9.6	57	10.4	113	140 (S E)	10.66	252 (WSW)	20.29
16	126	10.3	105	9.5	87	9.8	60	10.2	115	141 (S E)	2.83	271 (W)	20.10
18	118	10.7	98	10.1	78	9.9	54	10.6	112	144 (S E)	5.14	60 (ENE)	20.10
20	89	10.4	73	10.8	57	11.0	37	11.0	107	142 (S E)	21.32	71 (ENE)	20.23
22	122	9.4	103	9.4	88	9.9	62	10.4	113	136 (S E)	9.51	74 (ENE)	20.22
24	154	10.2	122	10.3	100	9.9	68	9.9	119	135 (S E)	11.08	71 (ENE)	20.22

JUL. 12 1982

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 (DEG)	DEPTH OF WATER (M)
2	111	10.6	98	9.9	80	10.1	57	10.2	115	139 (S E)	13.79	74 (ENE)	20.03
4	121	10.7	90	10.4	71	9.9	48	10.3	114	139 (S E)	4.96	222 (S W)	19.86
6	108	9.5	98	10.1	82	10.4	55	10.8	109	143 (S E)	5.21	76 (ENE)	18.86
8	117	10.8	96	10.7	79	10.4	55	10.6	111	135 (S E)	12.43	73 (ENE)	20.10
10	125	10.6	110	9.9	88	10.1	58	10.5	112	140 (S E)	1.05	243 (WSW)	20.34
12	150	10.1	112	10.4	91	10.3	62	10.3	114	142 (S E)	2.36	290 (WNW)	20.47
14	167	10.2	122	10.3	98	10.1	63	10.2	116	144 (S E)	2.67	269 (W)	20.38
16	180	10.2	148	9.9	104	10.2	70	10.4	114	139 (S E)	8.49	282 (WNW)	20.15
18	173	10.7	131	10.6	105	10.3	67	10.4	113	141 (S E)	3.40	85 (E)	20.01
20	106	9.7	99	9.6	83	10.1	54	10.6	112	131 (S E)	15.34	74 (ENE)	20.08
22	168	10.2	135	10.2	116	9.9	81	10.2	117	134 (S E)	6.38	269 (W)	20.23
24	229	10.8	161	10.2	124	9.9	81	10.6	112	137 (S E)	11.10	259 (W)	20.31

DAILY REPORT OF WAVES OBSERVATION

STATION : EAST No.0

JUL. 13 1992

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	151	9.6	120	10.2	94	9.6	62	10.4	114	135 (S E)	5.27	86 (E)	20.20
4	181	10.2	151	10.6	120	10.5	78	10.6	112	143 (S E)	8.13	228 (S W)	19.92
6	152	10.2	170	9.4	133	9.5	88	10.1	118	144 (S E)	8.58	251 (WSW)	19.78
8	162	10.3	123	10.0	102	9.9	69	10.5	112	145 (S E)	2.61	158 (SSE)	19.86
10	137	11.4	132	10.8	106	10.2	68	10.6	111	142 (S E)	2.31	285 (WNW)	20.33
12	137	11.4	117	10.0	96	9.8	66	10.2	116	143 (S E)	6.48	254 (WSW)	20.56
14	216	10.2	160	9.9	131	10.1	84	10.4	114	146 (S E)	17.67	233 (S W)	20.49
16	167	8.9	129	10.2	106	9.9	73	10.2	116	146 (S E)	35.30	231 (S W)	20.25
18	208	10.1	147	9.5	112	9.6	75	10.2	116	146 (S E)	22.27	266 (W)	20.03
20	125	8.9	100	9.3	78	9.9	52	10.6	112	139 (S E)	14.91	72 (ENE)	20.02
22	135	10.7	113	10.3	89	10.0	59	10.6	111	131 (S E)	10.50	70 (ENE)	20.21
24	141	9.6	107	10.5	86	10.6	57	11.0	108	148 (SSE)	1.97	264 (W)	20.37

JUL. 14 1992

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	168	10.2	124	10.4	98	10.0	64	10.7	110	141 (S E)	5.36	101 (E)	20.28
4	150	9.2	117	9.3	96	9.6	62	10.0	117	142 (S E)	14.79	262 (W)	20.02
6	129	10.6	104	9.7	81	9.5	53	10.0	118	141 (S E)	17.98	253 (WSW)	19.80
8	154	10.0	121	9.6	98	9.3	63	10.1	117	139 (S E)	2.10	295 (WNW)	19.90
10	148	9.8	108	10.0	79	9.9	53	10.2	114	142 (S E)	2.16	97 (E)	20.25
12	141	10.5	108	9.5	88	9.5	61	9.9	118	139 (S E)	7.33	68 (ENE)	20.56
14	160	9.5	126	9.8	102	9.9	69	10.2	115	143 (S E)	1.68	248 (WSW)	20.60
16	167	9.7	116	9.4	93	9.4	61	9.9	120	142 (S E)	1.78	299 (WNW)	20.34
18	116	10.7	90	10.0	72	9.9	48	10.5	112	135 (S E)	14.22	74 (ENE)	20.04
20	139	11.0	106	10.3	87	9.7	58	10.2	116	130 (S E)	22.76	80 (E)	19.97
22	80	10.0	72	9.4	60	9.7	42	9.8	119	124 (S E)	9.53	256 (WSW)	20.12
24	85	10.0	76	9.6	61	9.5	42	10.4	114	144 (S E)	36.00	259 (W)	20.35

JUL. 15 1992

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	102	9.3	77	9.5	59	9.7	40	10.3	115	132 (S E)	15.43	68 (ENE)	20.38
4	106	9.4	75	9.1	58	9.7	39	10.2	116	140 (S E)	2.99	69 (ENE)	20.14
6	84	10.0	66	8.2	54	9.4	37	10.3	110	144 (S E)	16.15	72 (ENE)	19.80
8	92	11.0	83	9.0	66	8.8	42	10.0	116	138 (S E)	26.93	73 (ENE)	19.80
10	115	11.0	86	10.1	66	10.2	43	10.5	112	139 (S E)	1.27	55 (N E)	20.12
12	99	8.6	79	10.5	62	10.5	42	10.8	108	137 (S E)	1.92	272 (W)	20.46
14	72	10.7	60	10.0	49	10.1	32	10.4	112	139 (S E)	5.01	249 (WSW)	20.58
16	84	12.3	73	10.6	59	10.6	41	11.2	104	143 (S E)	9.40	266 (W)	20.40
18	98	11.0	71	10.1	55	10.1	36	11.0	107	145 (S E)	8.51	260 (W)	20.07
20	83	8.5	71	10.5	59	11.1	42	10.8	108	142 (S E)	8.01	241 (WSW)	19.92
22	72	14.0	68	11.8	55	11.8	38	11.7	101	137 (S E)	6.43	268 (W)	20.02
24	97	10.9	76	9.7	56	10.1	36	10.8	108	142 (S E)	41.88	259 (W)	20.27

DAILY REPORT OF WAVES OBSERVATION

STATION : EAST No. 0

JUL. 16 1992

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	71	10.8	62	10.8	51	11.0	36	11.5	103	134 (S E)	16.01	84 (E)	20.42
4	124	10.3	110	10.0	83	9.8	63	10.7	110	153 (SSE)	8.59	264 (W)	20.24
6	109	11.5	82	9.7	65	11.1	44	11.2	106	147 (SSE)	31.35	266 (W)	19.88
8	80	10.2	75	11.6	62	11.2	44	11.7	98	144 (S E)	15.05	66 (ENE)	19.76
10	89	10.6	76	10.4	63	10.5	42	11.0	107	144 (S E)	12.40	262 (W)	20.03
12	106	11.8	83	10.5	65	10.5	42	11.4	105	143 (S E)	8.35	261 (W)	20.44
14	91	10.1	72	10.4	61	10.5	43	11.1	104	146 (S E)	3.59	230 (S W)	20.63
16	113	12.3	88	10.5	72	11.1	47	11.6	102	146 (S E)	13.81	253 (WSW)	20.51
18	143	10.4	100	10.4	74	11.0	52	11.4	103	151 (SSE)	31.91	260 (W)	20.15
20	108	11.6	92	11.0	74	10.9	49	11.1	106	146 (S E)	10.38	70 (ENE)	19.92
22	103	8.6	89	10.9	71	11.1	49	11.1	108	144 (S E)	17.13	75 (ENE)	20.00
24	99	10.7	85	10.2	72	10.0	50	10.4	114	135 (S E)	2.61	45 (N E)	20.27

JUL. 17 1992

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	118	11.2	101	11.4	79	11.5	56	11.6	103	143 (S E)	11.66	252 (WSW)	20.44
4	121	9.1	100	9.6	80	10.3	55	10.9	108	145 (S E)	9.86	246 (WSW)	20.36
6	115	10.4	97	9.7	78	9.5	51	10.0	118	143 (S E)	1.37	13 (NNE)	20.04
8	104	9.2	89	8.2	74	9.7	50	10.3	116	132 (S E)	17.94	79 (E)	19.85
10	96	11.0	79	9.7	62	10.1	41	10.6	111	130 (S E)	18.01	72 (ENE)	19.97
12	110	10.5	88	9.0	71	8.3	48	10.0	117	133 (S E)	4.47	81 (E)	20.32
14	113	11.4	94	10.2	77	10.1	52	10.7	111	138 (S E)	5.33	75 (ENE)	20.61
16	115	9.8	94	10.1	75	10.0	52	10.8	109	143 (S E)	6.52	277 (W)	20.57
18	102	11.0	86	10.6	71	10.5	50	11.0	107	147 (SSE)	11.81	284 (W)	20.26
20	86	10.5	73	10.5	63	10.5	44	10.8	110	139 (S E)	2.79	279 (W)	19.97
22	126	9.5	100	9.3	76	10.2	51	10.9	108	137 (S E)	23.25	74 (ENE)	19.99
24	103	10.6	88	10.2	73	10.0	51	10.5	114	129 (S E)	12.81	88 (E)	20.19

JUL. 18 1992

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	9.9	73	9.9	59	9.8	40	10.7	110	131 (S E)	18.04	254 (WSW)	20.44
4	108	8.9	88	10.0	67	9.9	45	10.9	109	145 (S E)	15.27	252 (WSW)	20.48
6	155	9.9	109	10.0	82	9.9	55	11.3	105	152 (SSE)	19.34	257 (WSW)	20.18
8	115	10.9	83	9.0	75	10.0	52	10.4	113	148 (SSE)	19.99	266 (W)	19.92
10	110	10.1	96	9.0	80	9.7	55	10.2	119	146 (S E)	9.64	62 (ENE)	19.97
12	126	10.0	105	10.1	86	10.1	58	11.1	106	136 (S E)	10.24	70 (ENE)	20.29
14	167	11.9	108	10.0	79	11.1	53	11.2	105	146 (S E)	11.55	64 (ENE)	20.58
16	198	10.9	152	11.4	120	11.5	77	11.6	102	151 (SSE)	4.96	290 (WNW)	20.62
18	129	11.4	113	10.5	92	10.4	59	11.2	106	148 (SSE)	3.67	241 (WSW)	20.38
20	154	11.4	128	11.1	104	10.8	68	10.6	111	148 (SSE)	2.57	3 (N)	20.02
22	131	10.0	105	10.6	83	10.9	57	10.8	110	141 (S E)	10.62	63 (ENE)	19.93
24	101	12.2	81	11.5	70	10.7	51	11.1	106	144 (S E)	3.55	67 (ENE)	20.13

DAILY REPORT OF WAVES OBSERVATION

STATION : EAST No. 0

JUL. 19 1992

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	102	11.3	90	9.1	70	9.9	46	10.3	115	139 (S E)	13.54	266 (W)	20.40
4	94	10.2	79	9.3	65	9.2	43	10.0	118	146 (S E)	21.91	263 (W)	20.52
6	105	11.1	73	10.3	60	10.1	42	10.5	113	147 (SSE)	53.75	262 (W)	20.25
8	122	11.9	104	9.9	89	10.0	60	10.5	112	149 (SSE)	18.24	257 (WSW)	19.96
10	88	10.0	79	10.1	66	9.6	46	10.7	110	145 (S E)	15.40	63 (ENE)	19.90
12	81	9.1	61	10.1	51	9.9	35	10.4	114	137 (S E)	12.24	65 (ENE)	20.18
14	62	11.0	54	10.2	45	10.2	31	11.1	106	138 (S E)	5.86	269 (W)	20.49
16	58	9.7	43	10.5	35	11.4	25	12.5	93	144 (S E)	1.69	4 (N)	20.57
18	77	8.0	59	10.3	46	9.6	31	10.7	110	144 (S E)	8.08	262 (W)	20.37
20	95	10.8	80	10.0	63	9.6	42	10.4	114	137 (S E)	5.42	266 (W)	20.05
22	68	11.3	60	10.2	49	9.4	32	10.6	110	134 (S E)	13.12	68 (ENE)	19.88
24	86	7.8	73	9.9	60	9.6	41	9.8	121	131 (S E)	6.25	73 (ENE)	20.01

JUL. 20 1992

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	81	9.6	73	9.7	60	9.8	40	10.2	115	132 (S E)	11.77	277 (W)	20.31
4	81	11.7	59	11.3	49	10.9	34	11.0	107	146 (S E)	26.43	260 (W)	20.44
6	92	8.7	79	10.2	63	10.1	45	10.4	111	158 (SSE)	32.64	256 (WSW)	20.34
8	98	10.7	81	10.8	66	10.5	45	10.6	110	146 (S E)	5.21	254 (WSW)	20.07
10	129	11.1	92	10.5	69	10.4	46	10.5	113	141 (S E)	11.88	65 (ENE)	19.96
12	111	10.0	85	10.1	65	10.2	44	10.6	111	140 (S E)	16.20	68 (ENE)	20.14
14	106	11.5	84	10.4	67	10.4	47	10.9	105	135 (S E)	8.88	73 (ENE)	20.41
16	97	11.5	83	10.6	70	10.1	50	10.8	109	139 (S E)	12.21	263 (W)	20.54
18	108	8.2	96	8.8	77	10.4	53	10.8	109	146 (S E)	19.37	268 (W)	20.40
20	114	10.5	97	10.4	76	10.3	48	10.7	111	143 (S E)	4.42	37 (N E)	20.10
22	84	10.7	62	10.9	50	10.8	33	11.0	107	138 (S E)	15.56	65 (ENE)	18.91
24	117	10.7	89	10.6	69	10.3	46	10.5	112	130 (S E)	11.35	62 (ENE)	19.97

JUL. 21 1992

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	124	10.2	108	10.4	84	10.2	57	10.9	109	136 (S E)	0.97	269 (W)	20.24
4	116	10.4	82	11.0	68	10.6	48	10.6	112	142 (S E)	12.82	268 (W)	20.43
6	114	10.6	97	10.6	77	10.8	48	11.0	107	142 (S E)	17.80	257 (WSW)	20.39
8	99	12.6	81	11.1	63	10.7	44	11.0	107	145 (S E)	15.24	260 (W)	20.20
10	94	10.3	76	10.6	61	10.5	41	10.9	108	148 (SSE)	5.94	302 (WNW)	20.07
12	106	10.7	70	10.7	57	10.0	41	10.4	113	140 (S E)	9.37	52 (N E)	20.14
14	109	10.5	90	11.2	69	11.0	44	11.7	101	150 (SSE)	3.29	356 (N)	20.37
16	93	9.9	81	10.1	68	10.2	47	11.2	106	144 (S E)	2.27	329 (NNW)	20.50
18	102	10.4	89	10.4	74	10.2	49	10.6	112	146 (S E)	7.24	288 (WNW)	20.41
20	104	10.7	80	10.6	66	10.6	44	10.9	108	145 (S E)	11.32	281 (W)	20.14
22	113	10.3	80	10.1	73	10.4	50	10.8	110	143 (S E)	7.53	261 (W)	19.95
24	108	11.6	86	10.9	74	10.7	51	10.7	111	142 (S E)	8.55	279 (W)	19.96

DAILY REPORT OF WAVES OBSERVATION

STATION : EAST No.0

JUL. 22 1992

OBS. TIME	MAX. WAVE		1/10 WAVE		1/3 WAVE		MEAN WAVE		NUMBER OF WAVES		WAVE DIRECTION		CURRENT VELOCITY		DEPTH OF WATER	
	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)	(DEG)	(16DIR)	(CM/S)	(DEG)	(16DIR)	(M)
2	148	10.2	121	10.5	94	10.1	59	10.7	110	142	(S E)	10.57	286	(WNW)	20.15	
4	139	10.8	98	10.3	75	10.4	48	10.5	113	144	(S E)	10.26	270	(W)	20.37	
6	110	10.2	98	9.8	80	9.6	52	10.4	113	142	(S E)	14.92	269	(W)	20.38	
8	146	10.2	101	10.6	77	10.5	50	10.5	111	146	(S E)	25.77	264	(W)	20.27	
10	137	10.7	117	10.4	90	10.6	57	10.7	112	153	(SSE)	27.40	261	(W)	20.10	
12	137	10.1	106	10.1	88	10.5	56	10.6	111	148	(SSE)	3.39	298	(WNW)	20.13	
14	112	10.0	89	10.1	84	10.1	56	10.5	113	144	(S E)	10.12	53	(N E)	20.32	
16	121	9.4	108	10.3	86	10.3	58	10.6	111	138	(S E)	9.62	57	(WNW)	20.42	
18	120	11.1	108	10.0	88	10.2	57	10.1	116	144	(S E)	5.57	287	(WNW)	20.40	
20	141	9.2	113	9.9	90	10.1	60	10.4	114	145	(S E)	6.00	272	(W)	20.19	
22	133	10.2	113	10.2	91	10.2	60	10.5	113	142	(S E)	13.62	263	(W)	19.85	
24	105	10.1	98	9.9	81	10.2	51	10.4	114	137	(S E)	7.12	267	(W)	19.88	

JUL. 23 1992

OBS. TIME	MAX. WAVE		1/10 WAVE		1/3 WAVE		MEAN WAVE		NUMBER OF WAVES		WAVE DIRECTION		CURRENT VELOCITY		DEPTH OF WATER	
	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)	(DEG)	(16DIR)	(CM/S)	(DEG)	(16DIR)	(M)
2	105	10.2	93	9.5	78	9.5	50	10.0	119	140	(S E)	3.85	16	(NNE)	20.06	
4	113	9.7	97	9.9	81	10.0	53	10.2	116	141	(S E)	3.86	343	(NNW)	20.25	
6	101	10.5	89	10.2	70	9.9	47	10.0	118	140	(S E)	13.80	265	(W)	20.36	
8	94	8.7	81	9.5	68	9.8	45	9.9	120	141	(S E)	22.98	265	(W)	20.31	
10	106	10.7	89	10.0	66	9.9	44	10.3	115	144	(S E)	31.89	267	(W)	20.19	
12	104	8.1	87	8.6	69	9.4	44	9.9	119	139	(S E)	13.94	44	(N E)	20.12	
14	61	10.2	54	10.1	46	9.9	33	10.4	113	129	(S E)	27.56	71	(ENE)	20.24	
16	68	9.8	58	10.1	48	9.7	32	10.7	111	135	(S E)	7.76	41	(N E)	20.37	
18	74	10.6	58	9.5	47	9.9	31	10.4	113	138	(S E)	3.68	322	(N W)	20.36	
20	92	10.5	72	10.8	57	10.3	39	10.9	108	137	(S E)	3.28	40	(N E)	20.22	
22	80	10.0	61	10.0	50	10.0	33	10.2	114	139	(S E)	5.51	317	(N W)	20.04	
24	90	9.8	57	10.4	46	10.5	32	11.1	104	137	(S E)	5.15	25	(NNE)	19.91	

JUL. 24 1992

OBS. TIME	MAX. WAVE		1/10 WAVE		1/3 WAVE		MEAN WAVE		NUMBER OF WAVES		WAVE DIRECTION		CURRENT VELOCITY		DEPTH OF WATER	
	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)	(DEG)	(16DIR)	(CM/S)	(DEG)	(16DIR)	(M)
2	96	8.8	83	10.1	69	9.9	46	10.4	113	141	(S E)	3.50	18	(NNE)	20.01	
4	92	9.9	77	10.2	63	10.0	42	10.7	111	135	(S E)	8.69	50	(N E)	20.17	
6	81	10.7	65	10.5	54	9.9	37	10.5	113	138	(S E)	6.01	55	(N E)	20.32	
8	77	10.5	65	9.0	48	9.5	31	10.0	115	130	(S E)	13.76	58	(ENE)	20.38	
10	101	10.2	69	9.7	53	9.7	31	10.2	115	130	(S E)	8.30	59	(ENE)	20.33	
12	71	10.1	58	10.2	49	9.8	32	10.4	116	133	(S E)	12.00	67	(ENE)	20.28	
14	116	10.0	85	9.2	64	9.2	42	10.4	113	137	(S E)	6.65	60	(ENE)	20.24	
16	84	9.9	66	10.1	53	10.0	37	10.1	116	131	(S E)	4.93	265	(WSW)	20.28	
18	94	10.6	69	10.4	56	10.2	38	10.4	113	141	(S E)	4.01	272	(W)	20.31	
20	78	9.6	68	8.4	54	10.2	35	11.1	105	140	(S E)	17.19	261	(W)	20.23	
22	68	11.0	58	10.8	46	10.4	31	11.1	107	140	(S E)	16.53	66	(ENE)	20.09	
24	65	10.8	53	10.0	42	10.0	28	11.0	107	135	(S E)	4.68	46	(N E)	19.94	

DAILY REPORT OF WAVES OBSERVATION

STATION : EAST No.0

JUL. 25 1992

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	99	9.6	71	10.1	58	9.7	39	10.4	113	142 (S E)	2.88	339 (NNW)	19.95
4	82	10.7	72	10.0	59	9.8	40	11.0	106	140 (S E)	2.61	76 (ENE)	20.04
6	88	10.5	77	9.9	66	8.5	47	9.8	120	141 (S E)	24.86	266 (W)	20.15
8	108	9.5	74	9.7	58	9.2	39	10.4	114	142 (S E)	28.49	262 (W)	20.33
10	82	9.9	72	9.5	62	9.2	43	8.7	122	133 (S E)	20.36	73 (ENE)	20.38
12	85	8.8	74	8.8	56	8.1	36	8.8	121	135 (S E)	4.00	72 (ENE)	20.33
14	79	10.2	67	9.3	58	9.3	41	10.2	116	136 (S E)	7.39	280 (W)	20.24
16	99	8.8	78	10.1	60	9.6	38	10.1	116	136 (S E)	20.27	262 (W)	20.22
18	87	10.5	64	10.4	50	10.4	34	10.9	107	131 (S E)	6.84	241 (WSW)	20.26
20	66	10.0	56	10.3	46	10.2	31	10.9	107	135 (S E)	4.41	304 (N W)	20.25
22	62	9.9	55	9.7	47	9.4	32	10.3	114	134 (S E)	16.08	269 (W)	20.14
24	96	9.7	78	9.4	62	9.2	41	9.8	120	131 (S E)	18.44	79 (E)	20.03

JUL. 26 1992

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	92	9.6	72	9.1	58	9.3	38	9.9	120	129 (S E)	12.71	72 (ENE)	19.94
4	62	10.2	57	9.1	49	9.5	34	10.6	108	147 (SSE)	13.09	62 (ENE)	19.95
6	81	6.4	73	6.9	61	8.1	41	8.5	122	127 (S E)	29.14	72 (ENE)	20.05
8	68	8.7	57	8.9	47	9.2	32	10.0	115	134 (S E)	9.63	118 (ESE)	20.27
10	49	8.7	40	9.2	33	9.3	24	10.4	111	136 (S E)	6.70	44 (N E)	20.41
12	52	10.3	45	8.5	37	9.5	25	10.3	115	138 (S E)	7.42	252 (WSW)	20.43
14	61	10.8	51	8.4	42	8.1	29	10.7	109	142 (S E)	4.01	334 (NNW)	20.33
16	67	8.9	53	10.0	44	9.8	31	11.0	107	133 (S E)	17.28	76 (ENE)	20.19
18	64	10.6	52	9.9	42	10.3	30	10.7	109	138 (S E)	19.29	267 (W)	20.14
20	70	10.9	47	10.7	38	10.5	27	11.0	103	135 (S E)	17.49	265 (W)	20.21
22	57	9.7	51	9.9	43	10.1	29	11.0	107	138 (S E)	3.17	51 (N E)	20.24
24	76	10.6	60	9.2	47	9.7	32	10.5	112	140 (S E)	8.84	270 (W)	20.13

JUL. 27 1992

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	9.5	59	9.9	50	9.8	35	10.7	110	133 (S E)	18.26	68 (ENE)	19.99
4	78	9.5	62	9.8	48	9.5	32	10.5	111	135 (S E)	20.14	73 (ENE)	19.92
6	67	11.4	54	10.0	44	9.8	31	10.5	113	135 (S E)	19.32	67 (ENE)	19.94
8	88	9.1	62	9.2	50	9.4	34	10.5	112	130 (S E)	25.75	71 (ENE)	20.15
10	84	9.7	61	9.2	47	9.3	32	10.5	113	128 (S E)	1.33	71 (ENE)	20.42
12	56	10.7	46	9.9	38	10.0	26	11.3	102	134 (S E)	5.28	274 (W)	20.51
14	61	9.5	51	8.2	41	8.9	28	10.2	116	134 (S E)	7.83	282 (WNW)	20.43
16	53	9.8	49	9.3	41	9.5	28	10.2	114	128 (S E)	4.64	81 (E)	20.23
18	75	9.2	56	9.1	48	9.1	33	10.1	117	129 (S E)	8.67	71 (ENE)	20.11
20	55	9.4	46	9.0	36	9.0	25	10.4	112	122 (ESE)	2.48	318 (N W)	20.18
22	61	10.1	46	10.0	38	9.6	26	10.9	108	137 (S E)	13.96	267 (W)	20.26
24	66	9.0	53	9.8	43	9.4	29	10.4	113	129 (S E)	10.86	269 (W)	20.26

DAILY REPORT OF WAVES OBSERVATION

STATION : EAST No.0

JUL. 28 1992

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	91	9.8	69	9.6	52	10.0	34	10.4	112	132 (S E)	8.85	73 (ENE)	20.13
4	80	10.2	62	9.7	52	9.5	36	9.9	120	145 (S E)	24.21	256 (WSW)	19.93
6	77	9.4	62	8.2	50	9.2	32	10.8	109	137 (S E)	15.15	264 (W)	19.82
8	91	10.2	71	9.4	58	9.4	40	10.2	116	132 (S E)	17.06	78 (ENE)	20.02
10	89	10.0	77	9.2	62	9.4	41	10.5	114	134 (S E)	12.79	67 (ENE)	20.37
12	92	10.6	80	8.8	67	9.5	47	9.9	117	139 (S E)	5.63	66 (ENE)	20.60
14	98	11.1	74	9.6	62	9.5	45	9.8	121	136 (S E)	7.14	57 (ENE)	20.55
16	92	9.7	83	8.9	68	9.0	45	8.8	120	137 (S E)	7.58	62 (ENE)	20.30
18	112	9.0	94	9.1	71	9.4	46	10.3	115	139 (S E)	21.06	75 (ENE)	20.04
20	113	8.0	100	8.6	84	8.9	56	9.5	123	129 (S E)	10.29	78 (ENE)	20.04
22	107	9.4	90	8.5	72	8.9	50	9.4	124	124 (S E)	9.58	258 (WSW)	20.23
24	103	9.9	78	9.0	63	9.1	41	10.0	116	130 (S E)	18.00	259 (W)	20.34

JUL. 29 1992

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	111	10.2	88	8.3	67	9.0	45	9.8	120	131 (S E)	2.04	128 (S E)	20.25
4	107	10.8	90	10.0	75	9.4	50	10.0	119	144 (S E)	33.67	259 (W)	19.98
6	121	8.6	86	9.1	68	9.1	47	9.5	124	135 (S E)	26.79	270 (W)	19.78
8	117	8.1	99	8.7	81	8.9	55	9.8	120	139 (S E)	5.86	56 (N E)	18.88
10	136	9.0	97	9.1	78	9.3	54	9.8	120	134 (S E)	20.19	71 (ENE)	20.24
12	160	9.9	120	9.3	95	9.0	63	9.6	123	133 (S E)	14.17	71 (ENE)	20.55
14	117	8.4	99	8.3	80	8.9	54	9.8	120	138 (S E)	5.47	39 (N E)	20.60
16	122	9.9	109	9.6	88	8.3	60	9.4	126	147 (SSE)	4.57	275 (W)	20.35
18	110	9.3	90	9.2	75	9.1	51	9.9	119	135 (S E)	10.18	61 (ENE)	20.06
20	134	9.7	106	8.5	86	8.0	59	9.5	122	136 (S E)	10.23	58 (ENE)	19.95
22	129	9.0	105	9.5	86	9.4	59	9.7	121	134 (S E)	6.85	80 (E)	20.14
24	132	8.7	109	8.8	86	8.9	57	9.6	123	134 (S E)	7.61	266 (W)	20.37

JUL. 30 1992

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	181	9.5	122	9.6	98	9.5	66	9.9	118	140 (S E)	2.95	18 (NNE)	20.37
4	117	10.4	92	9.1	77	9.4	52	9.8	119	139 (S E)	14.52	264 (W)	20.12
6	110	11.0	93	10.0	78	9.4	55	9.8	121	151 (SSE)	28.38	255 (WSW)	19.83
8	120	8.1	101	9.4	84	9.1	56	9.8	121	144 (S E)	2.65	137 (S E)	19.78
10	118	8.7	95	9.2	80	9.2	51	10.5	113	135 (S E)	16.07	69 (ENE)	20.09
12	115	10.9	94	8.9	74	9.1	51	10.1	116	137 (S E)	11.29	68 (ENE)	20.47
14	152	9.9	102	8.5	83	8.4	55	10.5	111	140 (S E)	4.88	43 (N E)	20.62
16	127	9.8	106	9.8	86	10.0	57	10.0	118	139 (S E)	4.26	37 (N E)	20.41
18	140	9.7	106	10.1	83	9.6	58	10.1	118	142 (S E)	1.46	1 (N)	20.02
20	143	10.6	97	10.2	80	9.9	53	10.6	112	136 (S E)	10.81	69 (ENE)	19.83
22	119	9.4	108	10.3	88	10.1	58	10.1	116	133 (S E)	30.94	79 (E)	20.00
24	100	9.9	84	10.3	67	9.8	46	10.4	113	134 (S E)	2.38	263 (W)	20.30

DAILY REPORT OF WAVES OBSERVATION

STATION : EAST No.0

JUL. 31 1992

OBS. TIME	MAX. WAVE		1/10 WAVE		1/3 WAVE		MEAN WAVE		NUMBER OF WAVES	WAVE DIRECTION (DEG) (16DIR)	CURRENT VELOCITY		CURRENT DIRECTION (DEG) (16DIR)	DEPTH OF WATER (M)
	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)			(CM/S)	(W)		
2	120	10.2	88	9.8	69	10.0	44	10.5	110	150 (SSE)	24.55	262	(W)	20.46
4	103	9.2	87	10.7	68	10.6	47	11.3	104	149 (SSE)	23.80	256	(WSW)	20.28
6	118	11.0	98	10.6	82	10.3	55	10.7	109	149 (SSE)	3.23	283	(WNW)	19.89
8	118	10.8	103	10.7	88	10.6	58	10.5	112	138 (S E)	16.50	73	(ENE)	19.75
10	126	9.5	109	10.3	91	10.4	64	10.6	111	141 (S E)	34.05	72	(ENE)	19.86
12	130	11.1	105	10.6	84	10.6	57	11.0	108	139 (S E)	18.93	73	(ENE)	20.35
14	124	11.0	86	10.3	67	10.4	43	11.2	105	141 (S E)	10.63	272	(W)	20.62
16	80	10.6	71	10.1	56	10.1	38	10.8	109	147 (SSE)	2.28	317	(N W)	20.48
18	104	8.9	90	10.1	70	10.4	45	10.9	108	149 (SSE)	2.90	64	(ENE)	20.10
20	104	10.6	89	10.1	74	10.5	51	10.6	113	145 (S E)	12.19	72	(ENE)	19.81
22	111	10.7	87	10.8	72	10.7	47	11.1	106	139 (S E)	19.31	78	(ENE)	19.89
24	66	11.0	60	10.5	49	10.5	34	11.2	105	135 (S E)	9.11	279	(W)	20.22

DAILY REPORT OF WAVES OBSERVATION

STATION : EAST No.0

AUG. 1 1992

OBS. TIME	MAX. WAVE		L/10 WAVE		L/3 WAVE		MEAN WAVE		NUMBER OF WAVES	WAVE DIRECTION (DEG)	CURRENT VELOCITY (CM/S)	CURRENT DIRECTION (16DIR)	DEPTH OF WATER (M)
	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)					
2	76	10.7	65	10.5	49	10.6	32	10.9	106	144 (S E)	22.46	265 (W)	20.45
4	98	11.1	69	10.6	56	10.1	37	10.9	107	152 (SSE)	13.93	263 (W)	20.40
6	73	9.9	57	10.5	47	11.0	32	11.1	103	154 (SSE)	26.66	250 (WSW)	20.06
8	88	10.7	75	10.8	60	10.5	42	10.7	110	145 (S E)	8.76	60 (ENE)	19.80
10	98	10.4	75	10.4	63	10.2	43	10.7	110	144 (S E)	9.72	62 (ENE)	19.90
12	78	11.6	70	10.8	59	10.8	42	10.7	110	139 (S E)	12.57	68 (ENE)	20.25
14	71	10.0	59	9.9	49	10.3	33	10.7	110	140 (S E)	6.64	87 (E)	20.54
16	93	10.1	69	10.1	51	10.3	34	11.1	107	147 (SSE)	5.50	304 (N W)	20.53
18	73	11.1	59	10.8	47	10.4	32	11.0	107	148 (SSE)	0.64	52 (N E)	20.17
20	77	10.9	68	10.0	55	9.8	35	10.4	112	148 (SSE)	6.86	161 (SSE)	19.79
22	66	12.0	61	11.1	48	10.5	31	11.1	106	146 (S E)	7.34	68 (ENE)	19.77
24	82	10.0	72	10.9	58	10.4	40	10.6	112	142 (S E)	12.76	64 (ENE)	20.09

AUG. 2 1992

OBS. TIME	MAX. WAVE		L/10 WAVE		L/3 WAVE		MEAN WAVE		NUMBER OF WAVES	WAVE DIRECTION (DEG)	CURRENT VELOCITY (CM/S)	CURRENT DIRECTION (16DIR)	DEPTH OF WATER (M)
	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)					
2	66	11.1	58	11.0	48	10.5	32	11.2	105	143 (S E)	14.25	64 (ENE)	20.42
4	81	12.1	60	10.1	47	10.2	33	11.1	104	150 (SSE)	3.84	358 (N)	20.51
6	83	9.5	67	9.5	53	10.0	35	10.6	109	154 (SSE)	16.05	251 (WSW)	20.26
8	89	9.9	71	10.4	56	10.4	39	10.4	113	162 (SSE)	23.95	252 (WSW)	19.91
10	82	10.2	67	10.2	54	10.3	37	11.3	103	153 (SSE)	1.82	9 (N)	19.89
12	68	12.6	57	10.9	47	10.3	32	11.7	101	148 (SSE)	14.05	72 (ENE)	20.18
14	69	10.8	53	11.2	42	11.1	29	11.5	101	147 (SSE)	6.04	54 (N E)	20.50
16	81	11.7	69	10.8	57	10.7	39	10.9	108	154 (SSE)	4.93	259 (W)	20.56
18	82	11.4	65	11.0	50	11.1	33	12.0	97	151 (SSE)	8.15	256 (WSW)	20.29
20	68	10.5	56	11.2	43	11.6	30	11.5	99	159 (SSE)	25.11	258 (WSW)	19.84
22	71	11.3	64	10.9	53	10.6	36	10.9	108	150 (SSE)	15.56	84 (ENE)	19.71
24	67	10.7	60	10.9	52	10.9	36	10.9	108	149 (SSE)	18.16	73 (ENE)	19.96

AUG. 3 1992

OBS. TIME	MAX. WAVE		L/10 WAVE		L/3 WAVE		MEAN WAVE		NUMBER OF WAVES	WAVE DIRECTION (DEG)	CURRENT VELOCITY (CM/S)	CURRENT DIRECTION (16DIR)	DEPTH OF WATER (M)
	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)					
2	141	10.4	107	9.4	80	9.8	51	10.4	113	148 (SSE)	6.81	85 (E)	20.32
4	76	10.6	65	9.4	52	10.0	35	10.9	107	149 (SSE)	5.61	78 (ENE)	20.52
6	68	10.4	64	9.8	53	10.0	37	10.6	109	154 (SSE)	0.74	128 (S E)	20.37
8	77	8.8	67	9.8	54	9.5	37	10.6	109	165 (SSE)	9.82	249 (WSW)	20.05
10	76	11.4	63	10.9	55	10.5	37	10.9	106	155 (SSE)	5.34	64 (ENE)	19.94
12	74	11.2	54	10.5	44	10.4	29	11.4	101	149 (SSE)	11.36	68 (ENE)	20.09
14	55	9.8	42	11.0	35	10.9	24	11.8	100	145 (S E)	4.54	36 (N E)	20.37
16	47	10.2	39	10.8	31	10.5	21	12.2	96	143 (S E)	3.88	47 (N E)	20.49
18	42	11.3	37	11.4	31	10.7	22	11.2	103	145 (S E)	6.30	286 (WNW)	20.30
20	82	11.8	65	10.2	50	10.2	23	11.3	102	153 (SSE)	3.70	249 (WSW)	19.94
22	64	11.3	59	10.5	50	10.3	33	10.9	107	152 (SSE)	0.72	290 (WNW)	18.75
24	75	12.1	62	10.5	51	10.5	36	10.6	111	139 (S E)	16.43	71 (ENE)	19.88

DAILY REPORT OF WAVES OBSERVATION

STATION : EAST No.0

AUG. 4 1992

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	62	12.0	44	10.2	37	10.2	27	11.2	106	134 (S E)	11.35	71 (ENE)	20.23
4	56	10.8	46	9.7	36	9.8	24	10.9	105	127 (S E)	11.59	84 (E)	20.46
6	81	9.5	65	10.5	51	11.0	35	11.0	107	139 (S E)	12.71	73 (ENE)	20.43
8	67	10.3	54	10.8	44	11.0	30	11.1	107	139 (S E)	18.19	68 (ENE)	20.22
10	88	10.3	67	11.0	51	10.8	34	11.2	104	142 (S E)	19.71	71 (ENE)	20.05
12	97	10.9	76	10.6	63	10.4	43	10.3	115	145 (S E)	28.15	72 (ENE)	20.14
14	88	11.1	68	10.0	55	10.1	38	10.6	112	144 (S E)	12.23	72 (ENE)	20.34
16	65	10.5	53	9.8	41	10.1	32	11.5	109	132 (S E)	1.79	34 (N E)	20.46
18	74	10.6	60	10.9	48	10.9	32	11.5	102	138 (S E)	0.05	110 (ESE)	20.36
20	71	9.6	53	10.7	42	10.1	28	10.8	109	148 (SSE)	13.49	265 (W)	20.07
22	86	11.6	61	10.8	47	10.5	32	10.8	109	145 (S E)	6.40	66 (ENE)	19.82
24	87	11.2	73	10.9	59	10.4	40	10.7	110	142 (S E)	21.10	75 (ENE)	19.84

AUG. 5 1992

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	80	10.6	72	10.8	59	10.8	40	11.6	102	138 (S E)	19.47	79 (E)	20.09
4	77	11.1	54	9.9	43	10.2	28	11.2	105	147 (SSE)	2.96	246 (WSW)	20.38
6	92	10.9	64	10.5	51	10.2	34	10.6	110	151 (SSE)	7.14	272 (W)	20.44
8	92	10.8	66	10.8	52	10.2	37	10.9	109	155 (SSE)	7.24	282 (WNW)	20.31
10	80	9.6	71	9.3	56	10.1	36	10.9	109	153 (SSE)	1.31	327 (NNW)	20.11
12	88	10.8	70	10.7	56	10.5	36	11.0	107	140 (S E)	16.10	72 (ENE)	20.11
14	58	12.0	53	10.8	45	10.8	30	10.8	109	144 (S E)	0.77	305 (N W)	20.26
16	56	12.2	43	10.7	33	10.8	23	10.8	108	174 (S)	24.75	266 (W)	20.36
18	50	10.8	44	10.1	35	10.4	24	11.0	108	177 (S)	34.32	261 (W)	20.31
20	62	11.4	52	9.5	41	10.4	28	11.0	106	159 (SSE)	17.99	262 (W)	20.11
22	47	11.5	42	10.0	34	10.3	22	11.6	101	140 (S E)	20.31	77 (ENE)	19.84
24	66	8.4	50	9.3	40	9.0	27	10.2	116	181 (S)	13.45	259 (W)	19.81

AUG. 6 1992

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	58	11.8	49	10.7	37	11.4	24	11.6	98	142 (S E)	23.89	73 (ENE)	19.98
4	47	11.1	39	9.8	33	9.9	22	11.4	101	160 (SSE)	13.06	78 (ENE)	20.21
6	53	11.0	39	10.2	32	10.3	23	11.1	104	157 (SSE)	13.19	74 (ENE)	20.34
8	36	12.5	32	11.6	26	11.0	20	12.3	94	146 (S E)	6.17	252 (WSW)	20.28
10	60	8.1	46	9.7	37	9.8	26	10.5	111	149 (SSE)	7.11	275 (W)	20.15
12	47	10.5	42	10.3	36	10.6	24	11.5	102	158 (SSE)	5.62	276 (W)	20.13
14	43	11.9	42	10.7	33	11.3	22	11.8	99	149 (SSE)	19.90	72 (ENE)	20.21
16	36	11.0	27	12.0	23	12.7	17	12.8	90	143 (S E)	1.39	311 (N W)	20.29
18	38	11.3	32	9.2	25	10.1	17	11.6	97	161 (WSW)	5.62	247 (WSW)	20.29
20	35	12.0	30	10.1	25	10.4	17	11.5	100	148 (SSE)	3.13	53 (N E)	20.15
22	38	9.2	33	10.9	26	11.6	18	12.0	97	145 (S E)	6.80	68 (ENE)	19.95
24	32	12.5	28	11.5	24	11.7	17	12.5	93	146 (S E)	2.96	284 (WNW)	19.83

DAILY REPORT OF WAVES OBSERVATION

STATION : EAST No.0

AUG. 7 1982

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	34	12.4	32	12.0	26	12.1	19	13.1	90	148 (SSE)	2.74	32 (NNE)	19.93
4	40	12.9	34	12.4	27	12.6	19	12.7	89	136 (S E)	13.94	68 (ENE)	20.10
6	37	10.5	32	11.4	27	12.2	20	12.7	91	148 (SSE)	19.04	66 (ENE)	20.27
8	43	13.2	36	13.6	30	13.1	21	13.5	87	155 (SSE)	23.24	65 (ENE)	20.32
10	56	14.1	47	13.0	39	12.8	26	12.9	91	148 (SSE)	20.88	68 (ENE)	20.25
12	68	13.1	51	13.0	40	12.2	27	12.6	94	151 (SSE)	4.66	302 (WNW)	20.17
14	50	8.6	44	11.5	36	11.4	26	11.9	97	160 (SSE)	6.34	277 (W)	20.21
16	88	13.6	58	13.8	43	13.1	29	12.6	93	153 (SSE)	3.23	43 (N E)	20.22
18	78	13.7	60	11.5	46	11.7	31	12.4	93	143 (S E)	15.59	69 (ENE)	20.26
20	73	12.6	57	12.5	48	12.9	33	12.2	95	151 (SSE)	13.90	73 (ENE)	20.23
22	82	12.7	69	13.1	50	13.1	32	12.8	92	156 (SSE)	10.63	63 (ENE)	20.11
24	85	12.6	68	13.1	54	12.6	36	12.3	95	146 (S E)	10.76	61 (ENE)	19.95

AUG. 8 1982

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	98	13.2	75	13.4	61	13.2	40	12.9	90	150 (SSE)	5.10	54 (N E)	19.90
4	88	13.3	78	12.7	66	12.7	47	12.8	93	146 (S E)	5.31	54 (N E)	19.98
6	106	13.0	83	13.2	69	13.1	48	12.9	89	139 (S E)	10.83	64 (ENE)	20.13
8	122	12.5	105	12.8	79	12.7	50	12.7	93	144 (S E)	12.51	66 (ENE)	20.29
10	115	12.0	94	12.8	75	12.9	53	12.3	96	142 (S E)	17.08	66 (ENE)	20.35
12	107	12.7	95	12.4	74	12.6	51	12.5	94	141 (S E)	10.33	63 (ENE)	20.27
14	106	11.5	86	12.0	68	12.5	45	12.8	92	149 (SSE)	3.16	29 (NNE)	20.17
16	101	11.4	87	12.3	69	12.2	47	11.9	89	142 (S E)	5.42	72 (ENE)	20.11
18	142	12.6	113	11.9	93	12.3	64	12.3	96	142 (S E)	5.11	121 (ESE)	20.10
20	95	12.1	86	12.2	72	12.2	50	12.2	96	140 (S E)	11.37	264 (W)	20.15
22	88	12.1	75	12.2	64	12.4	43	11.8	100	137 (S E)	35.33	264 (W)	20.10
24	122	11.9	111	12.0	87	11.9	57	12.2	87	145 (S E)	1.79	135 (S E)	20.06

AUG. 9 1982

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	131	12.6	113	11.6	88	11.9	59	11.8	100	144 (S E)	0.51	343 (NNW)	19.92
4	122	12.2	102	11.3	81	11.6	52	11.8	100	144 (S E)	2.34	318 (N W)	19.88
6	121	11.3	103	12.2	83	12.0	52	12.1	98	136 (S E)	19.15	74 (ENE)	19.96
8	151	10.8	127	12.0	105	11.9	71	12.5	94	133 (S E)	23.54	72 (ENE)	20.14
10	113	12.4	103	12.1	84	11.9	55	11.8	100	136 (S E)	0.62	294 (WNW)	20.33
12	121	11.2	101	11.0	82	11.9	55	11.9	100	137 (S E)	11.87	273 (W)	20.36
14	113	11.2	89	11.6	76	11.9	51	11.6	101	142 (S E)	28.50	263 (W)	20.22
16	113	11.4	93	11.7	76	12.3	53	12.4	96	142 (S E)	2.69	259 (W)	20.07
18	111	12.2	87	11.8	68	11.1	46	11.6	98	139 (S E)	4.83	293 (WNW)	19.99
20	104	12.3	82	11.7	65	11.7	44	12.1	96	138 (S E)	14.54	266 (W)	20.03
22	119	11.9	84	10.6	68	11.5	45	11.7	101	139 (S E)	28.94	262 (W)	20.12
24	92	11.6	77	11.9	64	11.3	45	11.9	100	143 (S E)	24.96	78 (ENE)	20.15

DAILY REPORT OF WAVES OBSERVATION

STATION : EAST No.0

AUG. 10 1992

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	102	12.0	83	12.9	69	12.9	47	12.6	94	143	(S E)	4.87	34	(N E)	20.03
4	115	11.4	96	11.3	75	11.8	49	11.7	100	136	(S E)	19.34	63	(ENE)	19.88
6	104	10.7	94	12.2	74	11.6	50	11.9	98	135	(S E)	21.37	73	(ENE)	19.88
8	118	10.7	107	10.5	87	12.3	59	12.2	97	138	(S E)	21.25	72	(ENE)	20.08
10	107	10.9	87	10.9	71	11.0	48	11.3	104	131	(S E)	12.17	75	(ENE)	20.33
12	97	10.1	80	11.2	65	11.2	45	11.6	100	137	(S E)	3.22	257	(WSW)	20.47
14	116	10.7	83	11.4	64	10.8	43	11.1	105	140	(S E)	3.62	12	(NNE)	20.36
16	105	11.6	77	12.2	58	11.2	40	11.5	103	141	(S E)	3.68	54	(N E)	20.11
18	108	11.9	90	10.0	66	11.5	44	11.8	99	135	(S E)	17.12	76	(ENE)	19.97
20	78	11.4	64	11.2	50	10.5	35	11.2	105	128	(S E)	12.62	70	(ENE)	20.01
22	76	10.6	59	10.1	47	11.5	32	11.7	98	147	(SSE)	23.05	270	(W)	20.14
24	97	11.2	69	12.1	53	12.1	36	12.0	97	165	(SSE)	28.50	262	(W)	20.26

AUG. 11 1992

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	117	12.7	97	12.3	77	11.6	52	11.8	100	144	(S E)	10.31	278	(W)	20.17
4	90	12.7	78	11.9	64	12.3	44	12.2	97	144	(S E)	2.96	56	(N E)	19.93
6	132	13.1	101	11.9	81	11.9	56	11.5	102	146	(S E)	4.54	43	(N E)	18.80
8	95	9.7	77	10.5	63	10.7	42	11.4	102	141	(S E)	16.81	69	(ENE)	19.96
10	90	9.9	69	10.6	57	10.8	40	11.4	104	143	(S E)	6.28	293	(NNW)	20.30
12	79	13.0	66	8.7	54	8.6	39	10.9	107	141	(S E)	3.87	332	(NNW)	20.50
14	72	11.8	59	11.7	48	10.7	33	11.0	107	139	(S E)	3.22	287	(NNW)	20.44
16	84	10.1	72	11.8	59	11.4	42	11.8	99	143	(S E)	4.10	38	(N E)	20.18
18	86	12.7	72	8.3	57	10.1	40	11.1	105	137	(S E)	9.51	61	(ENE)	19.95
20	61	10.0	58	10.6	49	11.5	36	11.9	98	135	(S E)	18.32	72	(ENE)	18.94
22	70	12.7	59	12.1	47	11.9	33	11.8	97	133	(S E)	5.65	257	(WSW)	20.14
24	71	12.7	58	10.0	44	11.4	29	11.9	97	139	(S E)	7.92	300	(NNW)	20.33

AUG. 12 1992

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	66	10.3	59	11.3	50	11.2	35	12.1	97	146	(S E)	16.00	256	(WSW)	20.27
4	86	11.6	74	11.4	60	10.9	40	11.3	104	147	(SSE)	28.05	259	(W)	20.00
6	73	9.1	63	10.7	53	11.6	37	11.4	103	147	(SSE)	33.52	272	(W)	19.76
8	95	10.1	75	11.0	62	11.5	43	11.8	98	142	(S E)	25.94	69	(ENE)	19.86
10	83	12.0	61	10.5	51	11.5	36	11.1	105	143	(S E)	17.94	71	(ENE)	20.18
12	82	12.3	76	11.1	61	11.8	43	11.6	100	147	(SSE)	7.79	84	(E)	20.50
14	78	13.2	62	12.6	51	12.3	37	11.9	99	154	(SSE)	2.25	338	(NNW)	20.50
16	95	12.1	83	12.9	65	13.0	44	12.6	93	132	(SSE)	14.91	270	(W)	20.22
18	105	13.2	95	11.7	74	11.5	49	11.9	98	153	(SSE)	13.08	264	(W)	19.91
20	119	12.6	78	11.7	62	11.7	43	11.5	101	144	(S E)	9.45	62	(ENE)	19.86
22	89	13.0	78	10.0	63	11.2	44	12.3	96	155	(S E)	10.73	63	(ENE)	20.08
24	107	10.7	81	11.9	62	11.9	44	11.8	99	146	(S E)	5.58	132	(S E)	20.32

DAILY REPORT OF WAVES OBSERVATION

STATION : EAST No.0

AUG. 13 1992

OBS. TIME	MAX. WAVE		1/10 WAVE		1/3 WAVE		MEAN WAVE		NUMBER OF WAVES	WAVE DIRECTION (DEG)	CURRENT VELOCITY (CM/S)	CURRENT DIRECTION (16DIR)	DEPTH OF WATER (M)
	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)					
2	68	13.4	61	12.3	46	12.2	31	12.5	93	144 (S E)	5.30	58 (ENE)	20.36
4	84	12.0	64	11.5	55	12.3	37	12.4	85	154 (SSE)	12.21	260 (W)	20.08
6	119	12.1	103	11.4	85	11.5	57	11.7	101	158 (SSE)	15.40	244 (WSW)	19.77
8	154	11.9	113	12.3	92	11.6	62	12.0	98	152 (SSE)	9.81	58 (ENE)	19.77
10	221	11.2	148	11.3	116	11.4	77	11.3	105	147 (SSE)	11.36	55 (N E)	20.06
12	114	10.6	102	11.0	84	10.9	59	10.8	109	149 (SSE)	10.91	263 (W)	20.42
14	108	12.3	91	11.2	72	11.6	47	11.7	101	149 (SSE)	5.00	283 (WNW)	20.54
16	85	11.6	79	11.7	65	11.4	45	11.5	103	150 (SSE)	3.68	16 (NNE)	20.29
18	139	11.6	108	10.3	80	10.4	50	11.2	104	149 (SSE)	6.50	276 (W)	19.92
20	110	11.1	91	10.5	71	10.5	50	10.9	108	147 (SSE)	4.77	42 (N E)	19.81
22	130	11.4	103	10.5	84	10.7	58	10.9	108	140 (S E)	11.67	58 (ENE)	20.01
24	92	11.3	79	11.0	61	11.0	41	11.3	103	130 (S E)	15.77	74 (ENE)	20.29

AUG. 14 1992

OBS. TIME	MAX. WAVE		1/10 WAVE		1/3 WAVE		MEAN WAVE		NUMBER OF WAVES	WAVE DIRECTION (DEG)	CURRENT VELOCITY (CM/S)	CURRENT DIRECTION (16DIR)	DEPTH OF WATER (M)
	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)					
2	87	10.3	76	11.3	63	11.2	43	11.4	103	139 (S E)	13.22	273 (W)	20.45
4	120	10.5	109	10.7	86	10.6	59	10.9	109	146 (S E)	8.74	269 (W)	20.21
6	139	11.0	119	10.7	94	10.6	62	11.0	107	149 (SSE)	13.13	251 (WSW)	18.84
8	137	11.1	115	10.6	91	10.7	57	11.3	104	136 (S E)	15.92	68 (ENE)	19.75
10	138	10.4	115	9.8	94	10.1	64	10.6	111	136 (S E)	23.92	73 (ENE)	20.01
12	80	10.4	68	9.6	58	9.5	41	10.4	113	134 (S E)	3.28	284 (WNW)	20.39
14	110	8.7	101	9.8	80	9.9	53	10.3	114	141 (S E)	13.96	268 (W)	20.60
16	111	10.7	94	11.0	71	10.7	48	11.0	107	139 (S E)	9.23	265 (W)	20.38
18	118	10.1	104	10.0	86	10.1	60	10.9	109	140 (S E)	4.60	53 (N E)	20.00
20	118	8.3	101	10.8	81	10.6	54	10.6	111	140 (S E)	20.28	67 (ENE)	18.82
22	168	9.9	99	10.5	76	10.6	49	10.7	110	139 (S E)	21.37	86 (E)	19.97
24	80	9.8	67	10.7	53	10.5	35	10.8	110	133 (S E)	1.83	174 (S)	20.25

AUG. 15 1992

OBS. TIME	MAX. WAVE		1/10 WAVE		1/3 WAVE		MEAN WAVE		NUMBER OF WAVES	WAVE DIRECTION (DEG)	CURRENT VELOCITY (CM/S)	CURRENT DIRECTION (16DIR)	DEPTH OF WATER (M)
	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)					
2	115	9.6	88	9.9	70	10.3	45	10.6	110	145 (S E)	18.70	269 (W)	20.47
4	97	9.3	85	10.7	70	11.1	48	11.4	103	145 (S E)	3.57	334 (NNW)	20.33
6	107	9.6	93	10.0	70	10.4	48	11.0	108	139 (S E)	9.40	81 (E)	19.96
8	112	10.4	84	10.4	70	10.2	48	11.3	104	141 (S E)	15.79	65 (ENE)	19.76
10	141	10.8	120	10.3	96	10.1	65	11.0	108	136 (S E)	28.78	71 (ENE)	19.95
12	91	10.5	79	9.9	69	10.2	50	10.7	111	134 (S E)	2.93	256 (WSW)	20.31
14	89	9.8	67	10.7	53	10.3	36	11.0	107	147 (SSE)	38.67	263 (W)	20.50
16	77	13.6	68	11.1	57	11.0	39	11.7	99	144 (S E)	3.45	289 (NNW)	20.41
18	104	10.5	85	10.9	68	11.5	45	11.6	101	153 (SSE)	27.02	257 (WSW)	20.03
20	128	10.9	97	10.4	77	11.4	54	11.4	103	153 (SSE)	5.29	266 (W)	19.80
22	111	10.3	98	11.6	80	11.1	54	11.0	107	139 (S E)	15.01	72 (ENE)	19.89
24	103	11.1	90	10.0	74	10.6	51	11.4	99	136 (S E)	26.08	73 (ENE)	20.18

DAILY REPORT OF WAVES OBSERVATION

STATION : EAST No.0

AUG. 16 1992

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	84	10.6	67	9.8	50	10.8	34	11.3	103	144 (S E)	17.15	246 (WSW)	20.43
4	106	11.0	78	10.3	59	11.0	40	11.9	99	151 (SSE)	12.96	259 (W)	20.40
6	82	9.6	78	10.2	65	10.3	45	11.0	108	151 (SSE)	10.96	259 (W)	20.05
8	109	10.7	87	10.5	80	10.6	57	10.8	109	150 (WSW)	8.16	251 (WSW)	19.80
10	125	10.9	95	11.3	79	10.6	55	11.5	102	147 (SSE)	22.71	71 (ENE)	19.89
12	114	10.3	83	10.4	78	10.7	52	11.7	101	143 (S E)	17.46	78 (ENE)	20.26
14	139	9.9	109	9.9	92	10.0	65	10.5	113	145 (S E)	4.55	261 (W)	20.49
16	113	13.0	99	10.7	79	11.5	53	11.6	101	149 (SSE)	4.69	291 (WNW)	20.46
18	143	9.2	132	10.3	111	10.7	73	11.1	106	146 (S E)	15.07	249 (WSW)	20.10
20	173	10.8	146	9.9	116	10.5	77	11.2	105	151 (SSE)	21.30	267 (W)	19.79
22	123	10.3	107	11.3	87	10.8	60	11.5	103	144 (S E)	19.95	68 (ENE)	19.81
24	148	9.8	116	10.2	92	10.5	64	11.2	106	139 (S E)	24.22	72 (ENE)	20.11

AUG. 17 1992

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	216	10.5	165	10.1	130	10.2	89	11.0	107	141 (S E)	2.02	299 (WNW)	20.41
4	181	10.6	138	10.4	111	10.3	77	11.2	106	140 (S E)	14.49	252 (WSW)	20.48
6	150	9.9	130	9.2	108	9.7	76	10.3	115	143 (S E)	29.09	259 (W)	20.17
8	174	11.0	142	9.2	115	10.1	76	11.1	106	145 (S E)	29.04	265 (W)	19.86
10	182	9.8	136	11.2	108	10.9	74	11.3	103	139 (S E)	19.02	70 (ENE)	19.87
12	163	11.1	118	10.4	93	10.6	65	10.9	110	139 (S E)	3.27	56 (N E)	20.18
14	156	9.2	128	9.7	105	9.7	70	10.5	112	135 (S E)	7.06	271 (W)	20.41
16	185	10.7	142	10.4	108	10.6	70	10.7	111	138 (S E)	12.28	254 (WSW)	20.44
18	155	10.5	126	10.2	102	10.6	69	11.0	107	136 (S E)	16.89	254 (WSW)	20.14
20	162	10.9	147	10.8	119	10.9	78	10.9	109	139 (S E)	12.18	239 (S W)	19.82
22	238	10.7	164	10.7	130	10.2	89	10.6	111	138 (S E)	3.85	68 (ENE)	18.76
24	159	10.8	137	10.6	111	10.5	75	10.9	109	130 (S E)	24.32	73 (ENE)	20.00

AUG. 18 1992

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	169	11.0	153	10.5	129	10.0	84	10.9	109	135 (S E)	8.58	274 (W)	20.31
4	217	9.5	178	10.3	135	10.2	86	10.3	115	135 (S E)	11.53	264 (W)	20.44
6	218	11.0	159	9.9	128	10.1	85	10.2	115	143 (S E)	22.53	257 (WSW)	20.28
8	178	10.9	136	10.0	113	9.7	77	10.5	113	144 (S E)	24.91	268 (W)	19.86
10	240	10.6	174	10.2	128	9.9	82	10.2	116	141 (S E)	6.55	68 (ENE)	19.87
12	170	9.4	143	10.1	118	10.0	81	10.4	113	133 (S E)	13.40	73 (ENE)	20.08
14	180	9.7	164	10.3	133	9.7	89	10.0	117	129 (S E)	12.20	265 (W)	20.35
16	187	9.1	145	9.7	119	9.9	78	9.9	119	135 (S E)	15.90	263 (W)	20.42
18	203	10.6	140	9.0	108	9.1	72	10.1	116	137 (S E)	22.61	256 (WSW)	20.22
20	177	10.3	138	9.4	108	10.0	74	10.3	116	135 (S E)	26.49	267 (W)	19.88
22	172	10.7	136	9.1	109	9.3	71	10.3	113	140 (S E)	3.24	6 (N)	19.76
24	212	9.7	157	9.3	122	9.6	79	10.2	116	139 (S E)	26.55	76 (ENE)	19.93

DAILY REPORT OF WAVES OBSERVATION

STATION : EAST No.0

AUG. 19 1992

OBS. TIME	MAX. H (CM)	MAX. T (SEC)	1/10 H (CM)	1/10 T (SEC)	1/3 H (CM)	1/3 T (SEC)	MEAN H (CM)	MEAN T (SEC)	NUMBER OF WAVES	WAVE DIRECTION (DEG)	CURRENT VELOCITY (CM/S)	CURRENT DIRECTION (DEG)	DEPTH OF WATER (M)
2	133	9.7	122	8.4	108	9.3	73	9.6	124	130 (S E)	10.55	71 (ENE)	20.26
4	158	10.1	117	8.4	95	9.7	68	10.0	118	134 (S E)	3.48	56 (N E)	20.42
6	141	8.8	121	9.2	96	8.4	65	9.9	119	138 (S E)	7.29	259 (W)	20.32
8	184	10.1	134	9.1	107	8.2	73	10.1	118	144 (S E)	18.15	254 (WSW)	20.06
10	121	10.0	101	8.9	82	10.0	57	10.6	111	141 (S E)	12.45	276 (W)	19.93
12	161	8.4	129	10.0	106	9.7	72	10.2	115	134 (S E)	18.61	69 (ENE)	20.06
14	120	10.9	105	10.3	91	9.8	65	10.4	113	138 (S E)	0.26	278 (W)	20.31
16	140	10.2	127	9.5	103	9.7	72	10.4	114	137 (S E)	21.43	265 (W)	20.38
18	149	10.4	109	9.4	84	8.6	54	10.2	116	135 (S E)	24.55	69 (ENE)	20.21
20	120	9.6	100	10.0	83	9.9	54	10.6	112	144 (S E)	15.51	246 (WSW)	19.93
22	117	8.8	106	10.1	84	10.1	56	10.4	114	145 (S E)	10.74	255 (WSW)	19.76
24	157	10.3	113	10.4	86	10.3	57	10.4	114	136 (S E)	14.99	70 (ENE)	19.86

AUG. 20 1992

OBS. TIME	MAX. H (CM)	MAX. T (SEC)	1/10 H (CM)	1/10 T (SEC)	1/3 H (CM)	1/3 T (SEC)	MEAN H (CM)	MEAN T (SEC)	NUMBER OF WAVES	WAVE DIRECTION (DEG)	CURRENT VELOCITY (CM/S)	CURRENT DIRECTION (DEG)	DEPTH OF WATER (M)
2	201	10.6	144	10.7	111	10.8	73	10.9	108	135 (S E)	10.96	70 (ENE)	20.14
4	151	12.0	125	9.8	96	10.4	62	10.7	110	140 (S E)	6.28	283 (WNW)	20.34
6	121	11.4	106	11.1	88	11.0	61	10.7	110	141 (S E)	16.25	270 (W)	20.31
8	152	11.2	125	10.7	101	10.7	67	11.1	106	141 (S E)	13.60	259 (W)	20.13
10	136	10.4	118	10.9	97	10.7	62	11.2	105	145 (S E)	4.95	54 (N E)	19.99
12	172	10.8	119	10.8	93	11.2	62	11.2	106	134 (S E)	14.03	69 (ENE)	20.03
14	139	11.3	108	11.2	83	10.7	56	10.8	109	136 (S E)	9.37	300 (WNW)	20.22
16	123	9.9	100	9.6	81	10.4	51	10.9	108	133 (S E)	10.14	74 (ENE)	20.29
18	115	8.3	95	10.6	78	10.8	52	10.7	110	132 (S E)	3.84	53 (N E)	20.23
20	126	11.0	98	11.0	77	10.9	52	11.2	106	136 (S E)	15.10	262 (W)	19.88
22	154	11.0	118	11.0	94	11.0	62	11.1	107	138 (S E)	1.19	92 (E)	19.78
24	191	10.5	140	11.0	113	11.1	74	11.5	104	141 (S E)	2.76	22 (NNE)	19.83

AUG. 21 1992

OBS. TIME	MAX. H (CM)	MAX. T (SEC)	1/10 H (CM)	1/10 T (SEC)	1/3 H (CM)	1/3 T (SEC)	MEAN H (CM)	MEAN T (SEC)	NUMBER OF WAVES	WAVE DIRECTION (DEG)	CURRENT VELOCITY (CM/S)	CURRENT DIRECTION (DEG)	DEPTH OF WATER (M)
2	190	11.7	151	11.6	115	11.3	74	11.5	103	141 (S E)	5.50	76 (ENE)	20.05
4	162	11.4	143	11.7	116	11.4	74	11.4	104	143 (S E)	2.73	341 (NNW)	20.26
6	186	10.6	154	11.1	123	11.0	84	11.4	104	142 (S E)	3.69	342 (NNW)	20.32
8	245	11.4	192	11.7	138	11.3	85	11.5	103	145 (S E)	4.28	305 (N W)	20.24
10	216	11.2	174	11.1	139	11.0	90	11.1	106	140 (S E)	11.03	259 (W)	20.10
12	187	11.2	157	11.4	129	11.5	86	11.6	103	145 (S E)	3.28	13 (NNE)	20.04
14	315	10.6	214	11.4	156	11.4	99	11.7	101	137 (S E)	7.50	64 (ENE)	20.18
16	217	11.3	177	11.5	144	11.4	95	11.3	103	141 (S E)	7.22	277 (W)	20.28
18	189	11.3	164	11.1	126	11.0	84	11.2	106	142 (S E)	6.48	4 (N)	20.24
20	260	12.1	193	11.9	146	11.5	91	11.7	101	140 (S E)	8.13	270 (W)	20.06
22	221	11.5	156	11.3	120	11.2	78	11.5	103	143 (S E)	16.53	257 (WSW)	19.86
24	204	11.0	164	11.2	126	11.3	77	11.4	104	137 (S E)	13.93	262 (W)	19.81

DAILY REPORT OF WAVES OBSERVATION

STATION : EAST No.0

AUG. 22 1992

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	169	11.3	137	11.3	102	11.5	68	12.0	99	137 (S E)	11.72	273 (W)	19.96
4	149	11.0	123	11.2	102	11.4	72	11.6	102	145 (S E)	3.16	335 (NNW)	20.17
6	152	11.5	126	11.3	105	11.4	74	11.6	102	136 (S E)	6.80	54 (N E)	20.28
8	150	11.9	121	11.3	108	11.5	74	11.7	101	138 (S E)	2.85	314 (N W)	20.28
10	169	11.1	125	11.3	97	11.4	64	11.8	99	137 (S E)	20.69	267 (W)	20.17
12	144	11.1	127	11.1	107	11.2	68	11.4	104	135 (S E)	13.99	276 (W)	20.09
14	145	11.4	122	11.3	104	11.4	71	11.4	104	132 (S E)	14.60	72 (ENE)	20.13
16	153	10.4	118	11.4	96	11.4	61	11.4	104	135 (S E)	13.66	76 (ENE)	20.20
18	227	11.2	145	11.3	106	11.4	67	11.7	101	139 (S E)	3.80	319 (N W)	20.20
20	148	11.3	122	11.3	96	11.6	63	11.4	104	137 (S E)	4.43	254 (WSW)	20.12
22	160	11.8	115	11.3	94	11.4	63	11.6	102	136 (S E)	18.30	260 (W)	19.93
24	138	10.5	114	11.2	94	10.9	63	11.3	105	141 (S E)	26.76	260 (W)	19.82

AUG. 23 1992

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	150	12.1	104	11.5	83	11.4	52	11.3	104	140 (S E)	38.57	266 (W)	19.81
4	126	11.2	105	11.3	88	11.2	59	11.3	103	143 (S E)	19.21	271 (W)	19.95
6	113	10.8	100	11.3	85	11.3	58	11.2	105	138 (S E)	7.00	55 (N E)	20.09
8	136	11.0	121	11.0	100	10.9	66	11.0	108	137 (S E)	8.55	72 (ENE)	20.21
10	134	10.5	114	11.4	88	11.3	59	11.4	103	136 (S E)	12.38	267 (W)	20.23
12	132	10.5	106	11.0	84	11.2	54	11.6	101	140 (S E)	20.27	274 (W)	20.13
14	198	10.2	131	10.8	99	10.8	62	11.5	103	143 (S E)	1.62	151 (SSE)	20.08
16	153	11.1	119	11.4	94	11.5	62	11.9	99	138 (S E)	8.12	74 (ENE)	20.06
18	149	11.2	127	11.3	100	11.5	69	11.6	102	133 (S E)	16.94	71 (ENE)	20.11
20	137	11.8	106	11.5	85	11.6	56	11.3	105	144 (S E)	4.10	278 (W)	20.11
22	151	10.8	126	11.1	103	10.8	68	11.8	101	141 (S E)	11.62	272 (W)	20.04
24	125	10.5	116	11.0	100	11.5	72	11.4	104	148 (SSE)	22.44	259 (W)	19.90

AUG. 24 1992

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	165	10.6	111	10.6	89	10.9	61	11.4	103	145 (S E)	19.20	258 (WSW)	19.84
4	152	11.3	118	10.9	94	10.9	65	11.1	107	144 (S E)	31.07	267 (W)	19.86
6	132	11.4	115	10.3	98	11.4	66	11.0	107	148 (SSE)	3.90	280 (NNW)	20.01
8	159	9.9	128	11.0	102	11.0	72	11.5	103	146 (S E)	5.12	343 (NNW)	20.22
10	191	9.9	131	10.8	101	10.7	67	10.9	109	151 (SSE)	23.97	259 (W)	20.34
12	186	11.7	128	11.2	97	10.8	64	10.9	109	150 (SSE)	24.97	259 (W)	20.32
14	158	12.5	119	11.4	93	11.3	64	11.1	107	151 (SSE)	24.96	274 (W)	20.15
16	266	10.9	169	9.4	117	10.1	77	10.7	111	147 (SSE)	6.86	70 (ENE)	20.05
18	160	10.3	133	11.5	104	10.5	72	11.0	108	141 (S E)	28.51	72 (ENE)	20.05
20	149	11.0	116	10.6	96	10.5	67	10.7	110	135 (S E)	4.70	56 (N E)	20.12
22	150	10.5	119	10.7	95	10.8	62	11.3	106	146 (S E)	5.80	284 (NNW)	20.20
24	154	10.7	135	10.7	111	10.8	75	11.5	103	145 (S E)	18.20	265 (W)	20.03

DAILY REPORT OF WAVES OBSERVATION

STATION : EAST No.0

AUG. 25 1992

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	204	10.6	139	10.3	109	11.1	73	11.1	107	146 (S E)	20.92	261 (W)	19.92
4	133	12.1	123	11.2	102	11.3	67	11.3	105	147 (SSE)	31.18	263 (W)	19.84
6	141	10.8	122	11.0	96	10.7	66	10.7	111	147 (SSE)	27.28	267 (W)	19.89
8	146	10.9	115	11.0	92	10.7	59	10.9	109	142 (S E)	8.46	69 (ENE)	20.14
10	164	10.8	132	9.9	101	11.2	58	11.5	103	140 (S E)	4.24	53 (N E)	20.39
12	145	10.8	125	10.3	105	11.0	74	11.4	104	145 (S E)	2.53	293 (WNW)	20.43
14	164	10.1	133	10.6	110	10.9	72	10.9	109	144 (S E)	10.13	264 (W)	20.27
16	183	11.0	138	10.5	109	10.9	71	11.2	105	147 (SSE)	3.72	259 (W)	20.05
18	168	11.6	136	11.0	107	10.6	72	11.3	105	142 (S E)	11.21	66 (ENE)	19.95
20	178	11.7	131	11.1	102	11.2	69	11.0	108	134 (S E)	8.27	64 (ENE)	20.06
22	153	10.3	133	10.6	107	10.7	71	10.7	110	141 (S E)	21.21	261 (W)	20.25
24	239	10.3	158	10.2	124	10.3	84	10.5	112	147 (SSE)	18.56	260 (W)	20.26

AUG. 26 1992

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	218	10.1	187	10.8	146	10.5	98	10.4	113	145 (S E)	4.27	312 (N W)	20.03
4	257	11.0	194	10.9	153	10.7	101	10.6	112	145 (S E)	10.71	262 (W)	19.84
6	223	10.5	167	10.4	129	10.5	84	10.8	110	138 (S E)	13.70	57 (ENE)	19.80
8	222	10.3	174	10.4	136	10.3	90	10.2	116	132 (S E)	25.89	71 (ENE)	19.99
10	150	11.1	135	10.9	114	10.6	78	11.0	108	131 (S E)	4.94	48 (N E)	20.36
12	229	10.1	200	10.6	148	10.5	88	10.7	110	137 (S E)	8.16	274 (W)	20.32
14	225	9.9	157	10.0	128	10.0	88	10.1	117	138 (S E)	1.84	20 (NNE)	20.39
16	229	10.1	177	10.0	141	10.0	93	10.0	118	142 (S E)	14.78	261 (W)	20.09
18	231	10.4	165	10.3	124	9.8	82	10.0	118	139 (S E)	3.68	52 (N E)	18.89
20	183	10.2	139	10.1	115	10.1	76	10.2	116	132 (S E)	18.51	69 (ENE)	19.99
22	197	10.0	147	10.5	114	10.2	74	10.1	118	140 (S E)	7.07	276 (W)	20.28
24	208	10.9	152	9.5	124	9.9	82	10.7	110	140 (S E)	17.45	262 (W)	20.38

AUG. 27 1992

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	236	10.0	175	9.8	130	9.6	84	10.1	117	140 (S E)	15.61	257 (WSW)	20.23
4	238	9.7	173	9.6	130	10.0	86	10.1	118	151 (SSE)	28.12	260 (W)	19.92
6	232	10.9	171	10.6	136	10.1	90	10.2	116	147 (SSE)	24.96	267 (W)	19.70
8	169	12.0	141	10.9	118	10.2	82	10.6	111	147 (SSE)	27.03	71 (ENE)	19.84
10	200	11.7	164	10.7	128	10.1	87	10.2	116	141 (S E)	0.27	303 (WNW)	20.26
12	206	9.1	163	9.8	125	10.3	82	10.5	113	147 (SSE)	3.14	290 (WNW)	20.56
14	249	10.9	187	11.1	137	11.0	88	10.9	109	148 (SSE)	4.25	17 (NNE)	20.48
16	251	9.2	209	10.0	161	10.3	102	10.5	113	150 (SSE)	4.57	298 (WNW)	20.12
18	267	10.2	206	10.6	172	10.0	112	10.5	113	151 (SSE)	8.47	264 (W)	18.83
20	183	10.1	156	10.3	127	10.2	83	10.3	111	143 (S E)	9.75	68 (ENE)	19.84
22	219	11.0	175	10.9	141	10.8	95	11.1	106	142 (S E)	0.74	303 (WNW)	20.14
24	197	10.8	155	10.9	117	10.5	76	10.8	109	138 (S E)	14.69	258 (WSW)	20.43

DAILY REPORT OF WAVES OBSERVATION

STATION : EAST No.0

AUG. 28 1982

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)	
2	211	11.3	173	10.8	132	10.4	88	10.6	113	146 (S E)	17.37	259 (W)	20.35
4	234	10.5	149	10.8	116	10.3	77	10.5	113	152 (SSE)	26.17	256 (WSW)	20.06
6	178	10.8	141	10.8	115	10.4	78	10.7	110	147 (SSE)	18.19	253 (WSW)	19.79
8	186	11.2	150	10.4	116	10.3	76	10.6	112	137 (S E)	23.88	76 (ENE)	19.77
10	205	10.6	156	10.9	121	10.5	78	10.6	111	131 (S E)	15.53	82 (E)	20.11
12	147	8.6	116	10.4	89	10.1	59	10.5	112	138 (S E)	26.22	262 (W)	20.48
14	143	8.6	120	10.7	99	10.5	67	10.5	114	132 (S E)	20.19	259 (W)	20.57
16	160	10.9	128	10.2	105	10.5	72	10.3	115	147 (SSE)	28.11	256 (WSW)	20.24
18	176	10.9	135	10.8	106	10.3	68	10.7	110	142 (S E)	17.00	231 (S W)	19.84
20	153	10.7	128	10.5	102	8.8	69	10.3	115	143 (S E)	7.07	59 (ENE)	19.74
22	166	10.2	146	10.4	110	10.3	73	10.9	108	133 (S E)	11.12	86 (E)	20.06
24	170	9.7	140	9.7	116	10.2	77	10.9	110	130 (S E)	4.18	191 (S)	20.42

AUG. 29 1982

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)	
2	146	10.6	102	10.9	81	10.4	57	10.9	109	138 (S E)	13.67	254 (WSW)	20.58
4	197	9.8	147	10.5	109	9.9	72	10.2	116	145 (S E)	3.23	82 (E)	20.29
6	194	11.1	150	10.7	110	10.6	72	10.8	109	148 (SSE)	8.66	255 (WSW)	19.90
8	186	10.7	150	8.8	122	10.5	79	10.5	113	139 (S E)	15.64	65 (ENE)	19.81
10	154	10.2	128	10.4	105	10.7	70	11.3	103	134 (S E)	7.49	77 (ENE)	20.10
12	151	9.9	143	10.6	121	10.5	78	10.7	110	131 (S E)	10.85	69 (ENE)	20.44
14	205	10.0	158	10.3	123	10.1	85	10.4	114	136 (S E)	9.27	258 (WSW)	20.59
16	211	10.4	160	10.7	124	10.3	82	10.7	111	143 (S E)	4.22	37 (N E)	20.34
18	185	10.2	151	10.7	119	10.2	76	10.6	112	137 (S E)	5.33	31 (NNE)	19.91
20	153	11.4	126	10.6	105	10.3	69	10.6	113	134 (S E)	18.34	68 (ENE)	19.71
22	195	10.4	165	9.9	135	10.5	89	10.8	109	133 (S E)	37.86	73 (ENE)	18.88
24	211	10.2	156	10.8	113	10.5	76	10.5	112	125 (S E)	8.37	157 (SSE)	20.30

AUG. 30 1982

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)	
2	162	10.6	123	10.2	101	10.0	71	10.5	113	129 (S E)	20.15	266 (W)	20.61
4	184	10.4	152	10.2	123	10.2	81	10.8	109	135 (S E)	24.62	258 (WSW)	20.47
6	194	11.1	145	11.3	115	10.3	77	10.7	111	137 (S E)	14.06	259 (W)	20.03
8	151	11.4	135	10.5	104	10.7	70	11.2	106	144 (S E)	3.43	28 (NNE)	19.82
10	177	10.2	152	10.8	118	10.7	79	10.9	108	134 (S E)	27.60	70 (ENE)	19.94
12	124	10.2	104	10.5	85	10.8	60	11.0	108	128 (S E)	15.06	274 (W)	20.29
14	124	10.1	102	10.2	82	10.7	55	10.8	110	134 (S E)	16.40	268 (W)	20.54
16	127	11.2	100	10.8	80	10.7	54	10.8	110	142 (S E)	0.57	344 (NNW)	20.38
18	186	11.7	128	11.2	101	10.8	68	10.9	109	146 (S E)	24.34	252 (WSW)	19.85
20	160	11.4	133	11.4	110	11.2	71	10.6	111	146 (S E)	17.35	254 (WSW)	19.65
22	135	11.4	104	11.1	83	10.9	55	10.9	109	132 (S E)	16.44	69 (ENE)	19.76
24	143	11.2	134	10.9	110	10.7	72	11.3	104	141 (S E)	2.64	353 (N)	20.17

DAILY REPORT OF WAVES OBSERVATION

STATION : EAST No. 0

AUG. 31 1992

OBS. TIME	MAX. WAVE		1/10 WAVE		1/3 WAVE		MEAN WAVE		NUMBER OF WAVES	WAVE DIRECTION (DEG) (1SDIR)	CURRENT VELOCITY (CM/S)	CURRENT DIRECTION (DEG) (1SDIR)	DEPTH OF WATER (M)
	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)					
2	162	11.1	111	10.6	86	10.7	58	10.8	108	130 (S E)	8.80	274 (W)	20.51
4	94	8.9	80	10.4	69	10.6	46	11.1	106	138 (S E)	15.01	267 (W)	20.50
6	92	10.8	80	11.0	67	10.7	46	10.7	110	137 (S E)	8.37	268 (W)	20.14
8	98	11.7	88	11.4	74	11.2	51	11.8	100	142 (S E)	3.47	20 (NNE)	19.85
10	120	11.9	86	12.1	65	12.0	42	11.7	101	138 (S E)	13.64	75 (ENE)	19.92
12	102	12.0	84	11.6	67	11.7	47	11.7	102	133 (S E)	7.35	51 (NE)	20.19
14	109	11.8	94	11.5	79	11.6	55	12.3	86	132 (S E)	13.05	270 (W)	20.43
16	127	11.2	98	11.4	79	11.4	52	11.4	104	136 (S E)	26.25	268 (W)	20.38
18	145	11.5	117	12.0	87	11.5	56	11.8	99	138 (S E)	23.85	255 (WSW)	20.05
20	169	11.1	120	11.4	91	11.0	60	10.9	108	144 (S E)	5.76	46 (NE)	19.65
22	128	10.7	116	10.7	92	10.9	59	11.7	101	138 (S E)	21.25	67 (ENE)	19.64
24	164	11.3	127	11.0	99	11.1	66	11.1	107	130 (S E)	27.31	77 (ENE)	20.00

DAILY REPORT OF WAVES OBSERVATION

STATION : EAST No. 0

SEP. 1 1992

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	144	10.2	124	11.2	103	11.1	73	11.2	106	134 (S E)	2.93	211 (SSW)	20.39
4	149	12.2	135	12.1	113	11.8	77	11.5	103	144 (S E)	4.16	19 (NNE)	20.53
6	141	10.7	119	11.2	98	11.4	65	11.3	105	140 (S E)	2.97	23 (NNE)	20.29
8	156	11.5	136	11.4	108	11.6	72	11.3	104	140 (S E)	11.53	66 (ENE)	19.86
10	139	12.8	115	11.8	94	11.4	66	11.6	102	138 (S E)	23.86	72 (ENE)	19.91
12	120	12.2	97	11.8	74	11.2	48	11.5	103	132 (S E)	11.97	279 (W)	20.13
14	136	12.0	112	11.8	89	11.8	58	12.0	99	139 (S E)	15.39	268 (W)	20.38
16	160	12.2	120	11.6	95	11.6	61	11.4	105	140 (S E)	6.26	281 (W)	20.46
18	140	11.0	119	11.7	100	11.9	68	11.7	100	143 (S E)	4.52	2 (N)	20.18
20	169	11.4	131	11.4	101	11.4	64	11.2	104	139 (S E)	15.00	60 (ENE)	19.78
22	199	11.8	141	10.6	112	11.4	75	11.2	106	140 (S E)	16.49	62 (ENE)	19.66
24	147	9.8	126	11.2	104	11.2	68	11.6	102	135 (S E)	23.71	67 (ENE)	19.92

SEP. 2 1992

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	124	12.2	118	11.6	96	11.9	65	11.7	102	137 (S E)	15.88	63 (ENE)	20.29
4	128	12.7	109	11.8	87	11.5	55	12.1	98	135 (S E)	25.11	74 (ENE)	20.49
6	124	11.8	115	11.6	92	11.9	60	11.9	100	141 (S E)	15.74	62 (ENE)	20.36
8	177	10.5	135	10.9	104	11.4	69	11.8	101	140 (S E)	13.66	61 (ENE)	20.08
10	133	11.4	116	11.4	95	11.4	62	11.4	104	146 (S E)	3.82	45 (N E)	19.97
12	165	10.4	142	11.2	116	11.4	76	11.8	101	146 (S E)	2.16	36 (N E)	20.10
14	162	12.5	122	11.9	100	11.7	64	11.6	102	148 (SSE)	2.73	324 (N W)	20.32
16	122	11.5	104	11.9	88	11.9	58	11.8	100	143 (S E)	3.12	23 (NNE)	20.37
18	169	12.1	123	11.4	95	11.3	62	11.8	100	140 (S E)	11.51	67 (ENE)	20.20
20	157	11.8	124	11.6	101	11.9	70	11.9	99	142 (S E)	12.09	56 (N E)	19.87
22	164	11.9	131	11.5	104	11.5	67	11.6	102	140 (S E)	9.16	63 (ENE)	19.70
24	168	11.5	137	11.7	102	11.7	68	11.3	105	141 (S E)	7.36	63 (ENE)	18.82

SEP. 3 1992

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	139	12.1	126	11.7	106	11.5	70	11.3	104	143 (S E)	3.93	28 (NNE)	20.13
4	162	10.5	142	10.3	111	10.7	72	11.1	107	138 (S E)	13.25	63 (ENE)	20.36
6	149	11.8	125	11.8	98	11.5	66	11.3	104	138 (S E)	16.68	61 (ENE)	20.33
8	137	11.2	122	11.4	97	11.2	63	11.1	107	138 (S E)	13.54	58 (ENE)	20.13
10	171	12.4	122	12.0	97	11.9	66	11.7	101	147 (SSE)	13.72	77 (ENE)	19.99
12	176	10.8	127	11.3	104	11.4	68	11.7	101	138 (S E)	11.47	64 (ENE)	20.03
14	146	11.8	134	11.6	105	11.7	69	11.9	99	139 (S E)	8.53	91 (E)	20.20
16	135	10.9	115	11.5	90	11.5	58	11.7	102	141 (S E)	6.53	80 (E)	20.26
18	132	11.0	113	11.4	95	11.2	65	11.2	105	142 (S E)	4.43	338 (NNW)	20.18
20	163	11.2	119	11.2	88	10.9	58	11.0	108	141 (S E)	2.57	289 (WNW)	19.93
22	130	11.5	102	11.0	79	11.5	54	11.3	105	141 (S E)	2.62	289 (WNW)	19.74
24	119	11.0	104	11.3	85	11.1	55	11.0	106	135 (S E)	11.61	64 (ENE)	19.76

DAILY REPORT OF WAVES OBSERVATION

STATION : EAST No.0

SEP. 4 1992

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	172	12.1	140	10.7	113	11.0	72	10.9	108	138 (S E)	7.87	41 (N E)	19.97
4	171	10.4	135	11.0	111	10.9	71	10.9	109	134 (S E)	18.84	64 (ENE)	20.17
6	165	11.1	119	11.0	91	11.4	63	11.3	105	140 (S E)	17.30	64 (ENE)	20.23
8	165	11.7	131	11.3	108	11.1	68	11.4	104	138 (S E)	8.31	63 (ENE)	20.14
10	159	11.2	140	11.4	117	11.4	77	11.4	104	148 (SSE)	5.08	302 (WNW)	20.02
12	141	10.8	124	10.4	98	10.7	65	11.0	107	145 (S E)	6.64	270 (W)	20.01
14	138	11.1	120	11.1	96	10.7	64	10.8	110	144 (S E)	5.71	283 (WNW)	20.12
16	166	11.3	139	11.3	103	11.2	66	11.2	107	144 (S E)	5.25	55 (N E)	20.20
18	202	11.7	151	11.2	116	10.7	71	10.8	110	144 (S E)	5.48	283 (WNW)	20.15
20	190	10.9	136	11.3	117	11.1	79	11.2	106	139 (S E)	3.69	40 (N E)	20.01
22	170	10.8	135	10.7	105	10.5	70	10.7	111	143 (S E)	3.17	29 (NNE)	19.85
24	180	10.6	140	10.4	107	10.2	71	10.6	111	141 (S E)	2.78	1 (N)	19.80

SEP. 5 1992

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	***	***	***	***	***	***	***	***	***	*** (***)	***	*** (***)	***
4	***	***	***	***	***	***	***	***	***	*** (***)	***	*** (***)	***
6	***	***	***	***	***	***	***	***	***	*** (***)	***	*** (***)	***
8	***	***	***	***	***	***	***	***	***	*** (***)	***	*** (***)	***
10	***	***	***	***	***	***	***	***	***	*** (***)	***	*** (***)	***
12	***	***	***	***	***	***	***	***	***	*** (***)	***	*** (***)	***
14	***	***	***	***	***	***	***	***	***	*** (***)	***	*** (***)	***
16	177	9.7	127	9.9	103	10.1	65	10.8	110	139 (S E)	3.22	37 (N E)	20.12
18	157	9.4	118	10.4	91	10.4	61	10.7	111	140 (S E)	3.61	65 (ENE)	20.12
20	164	9.1	135	10.2	109	10.0	71	10.3	116	138 (S E)	7.00	56 (N E)	20.07
22	141	9.8	125	10.3	105	10.1	67	9.9	119	138 (S E)	5.74	64 (ENE)	20.03
24	149	10.5	127	10.0	105	10.0	71	10.4	114	142 (S E)	4.43	315 (N W)	19.97

SEP. 6 1992

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	171	10.0	129	10.0	98	9.9	62	10.2	116	140 (S E)	3.24	359 (N)	19.95
4	155	9.4	123	9.9	95	9.8	62	10.2	116	140 (S E)	4.33	29 (NNE)	20.03
6	***	***	***	***	***	***	***	***	***	*** (***)	***	*** (***)	***
8	172	10.6	130	9.1	95	9.5	62	10.3	115	134 (S E)	11.45	55 (N E)	20.22
10	170	10.6	136	10.0	108	10.0	74	10.2	116	132 (S E)	11.40	61 (ENE)	20.28
12	169	9.8	135	9.2	114	9.8	76	10.0	118	142 (S E)	7.32	278 (W)	20.24
14	149	9.6	123	9.5	96	9.6	63	10.4	114	139 (S E)	4.05	286 (WNW)	20.13
16	157	10.3	129	9.4	98	9.6	63	10.1	117	143 (S E)	2.17	259 (W)	20.08
18	163	10.6	118	10.1	96	10.0	63	10.4	113	139 (S E)	5.91	59 (ENE)	20.04
20	157	11.1	127	10.0	109	9.6	72	10.2	115	132 (S E)	8.84	67 (ENE)	20.09
22	145	9.1	113	10.0	94	9.8	62	10.1	117	139 (S E)	5.14	286 (WNW)	20.11
24	161	9.3	122	9.5	96	9.8	65	9.9	120	130 (S E)	14.81	66 (ENE)	20.06

DAILY REPORT OF WAVES OBSERVATION

STATION : EAST No.0

SEP. 7 1992

OBS. TIME	MAX. WAVE		L/10 WAVE		L/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	130	10.1	111	9.8	90	9.6	59	9.9	119	139 (S E)	4.66	18 (NNE)	19.96
4	172	9.8	119	8.8	84	8.1	63	8.8	120	140 (S E)	5.15	279 (W)	19.94
6	129	9.6	106	9.4	86	9.5	57	9.9	118	138 (S E)	5.39	58 (ENE)	20.01
8	124	10.3	99	9.5	83	9.9	57	10.1	118	138 (S E)	3.01	0 (N)	20.17
10	123	10.6	104	9.3	83	9.5	57	9.9	120	134 (S E)	10.01	60 (ENE)	20.29
12	116	11.6	97	10.1	78	9.6	54	10.0	118	137 (S E)	3.98	44 (N E)	20.32
14	108	11.2	96	9.9	80	9.7	53	10.0	118	141 (S E)	13.40	267 (W)	20.17
16	133	10.2	110	8.7	83	8.8	52	10.7	111	141 (S E)	8.27	257 (WSW)	20.05
18	125	9.9	93	9.9	75	9.6	49	10.5	113	139 (S E)	1.99	334 (MNW)	20.00
20	139	9.9	116	9.9	88	9.6	58	10.0	119	135 (S E)	8.03	55 (N E)	20.06
22	137	9.8	110	8.8	88	9.7	59	10.3	116	139 (S E)	8.87	53 (N E)	20.17
24	136	9.9	114	10.1	93	10.0	61	10.5	113	143 (S E)	4.40	26 (NNE)	20.20

SEP. 8 1992

OBS. TIME	MAX. WAVE		L/10 WAVE		L/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	130	9.8	106	9.6	83	9.6	55	9.6	123	146 (S E)	7.22	257 (WSW)	20.05
4	128	10.4	101	9.7	83	9.7	58	9.9	120	144 (S E)	8.11	252 (WSW)	19.90
6	152	9.4	118	9.4	96	9.7	66	10.1	118	149 (SSE)	19.67	260 (W)	19.90
8	121	9.9	100	9.7	78	9.9	52	9.9	120	143 (S E)	3.80	306 (N W)	20.10
10	120	10.5	109	10.1	93	9.9	61	10.2	116	134 (S E)	16.68	52 (ENE)	20.30
12	188	10.4	143	9.8	119	9.5	78	10.0	119	140 (S E)	11.52	57 (ENE)	20.37
14	149	10.9	122	9.9	103	9.7	71	10.3	116	145 (S E)	1.85	307 (N W)	20.23
16	168	10.4	146	9.6	116	9.7	74	10.0	119	144 (S E)	8.38	266 (W)	20.00
18	181	11.1	130	10.2	104	9.6	72	9.9	119	141 (S E)	8.46	54 (N E)	19.89
20	157	10.9	132	10.0	105	10.1	67	10.5	112	140 (S E)	9.05	61 (ENE)	19.98
22	134	10.0	111	10.3	88	9.9	59	10.9	109	136 (S E)	10.71	75 (ENE)	20.13
24	118	12.3	94	10.2	77	9.7	56	10.2	115	137 (S E)	3.14	26 (NNE)	20.23

SEP. 9 1992

OBS. TIME	MAX. WAVE		L/10 WAVE		L/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	128	9.4	99	9.4	78	10.3	53	10.9	108	143 (S E)	11.64	269 (W)	20.13
4	144	10.9	119	10.8	90	10.2	58	11.4	104	144 (S E)	4.07	45 (N E)	19.90
6	152	10.4	128	9.5	102	9.7	65	10.1	117	142 (S E)	7.46	68 (ENE)	19.82
8	152	10.9	122	9.8	99	10.3	68	10.8	109	143 (S E)	17.09	72 (ENE)	19.99
10	162	10.2	120	10.6	92	10.3	62	11.1	106	143 (S E)	5.58	262 (W)	20.26
12	134	10.2	106	9.9	83	10.5	58	10.9	108	143 (S E)	11.40	262 (W)	20.40
14	84	9.9	76	10.7	64	11.1	44	11.4	104	149 (SSE)	26.06	265 (W)	20.32
16	116	10.5	87	10.6	80	10.6	54	10.8	110	149 (SSE)	3.79	6 (N)	20.03
18	161	10.2	126	10.7	100	10.7	64	10.7	111	145 (S E)	13.65	63 (ENE)	19.83
20	147	10.5	125	9.9	100	10.6	68	10.7	109	140 (S E)	14.03	69 (ENE)	19.92
22	192	10.8	164	11.0	130	10.5	87	11.1	107	141 (S E)	6.00	2 (N)	20.13
24	159	10.4	124	11.1	101	10.9	67	11.5	102	140 (S E)	9.43	276 (W)	20.34

DAILY REPORT OF WAVES OBSERVATION

STATION : EAST No. 0

SEP. 10 1992

OBS. TIME	MAX. H (CM)	MAX. T (SEC)	1/10 H (CM)	1/10 T (SEC)	1/3 H (CM)	1/3 T (SEC)	MEAN H (CM)	MEAN T (SEC)	NUMBER OF WAVES	WAVE DIRECTION (DEG)	CURRENT VELOCITY (CM/S)	CURRENT DIRECTION (DEG)	DEPTH OF WATER (M)
2	128	11.0	104	10.2	88	10.7	60	10.5	112	146 (S E)	19.00	259 (W)	20.25
4	139	11.2	109	10.8	91	10.1	57	10.8	109	146 (S E)	11.79	267 (W)	20.00
6	159	11.5	123	10.6	99	10.8	68	10.6	112	144 (S E)	7.77	58 (ENE)	19.84
8	200	11.2	156	10.5	126	10.5	84	11.2	106	140 (S E)	22.01	66 (ENE)	19.94
10	168	11.3	143	11.1	116	11.0	79	11.0	108	139 (S E)	10.32	68 (ENE)	20.23
12	156	10.5	135	10.7	109	10.5	73	10.7	110	140 (S E)	14.37	262 (W)	20.45
14	176	11.2	149	10.6	118	11.2	80	11.4	103	144 (S E)	12.43	264 (W)	20.40
16	165	11.4	130	11.0	102	11.2	67	11.2	106	144 (S E)	10.87	265 (W)	20.11
18	197	10.1	157	11.1	122	10.6	81	11.1	106	150 (SSE)	1.57	66 (ENE)	19.86
20	170	10.4	141	11.4	115	11.1	77	11.2	106	140 (S E)	11.43	65 (ENE)	19.94
22	222	11.4	166	10.8	124	11.4	79	11.6	103	141 (S E)	12.21	65 (ENE)	20.19
24	177	9.8	146	10.3	118	10.6	80	11.5	102	143 (S E)	4.02	359 (N)	20.42

SEP. 11 1992

OBS. TIME	MAX. H (CM)	MAX. T (SEC)	1/10 H (CM)	1/10 T (SEC)	1/3 H (CM)	1/3 T (SEC)	MEAN H (CM)	MEAN T (SEC)	NUMBER OF WAVES	WAVE DIRECTION (DEG)	CURRENT VELOCITY (CM/S)	CURRENT DIRECTION (DEG)	DEPTH OF WATER (M)
2	166	11.2	130	10.5	108	11.0	74	11.6	102	145 (S E)	2.37	295 (WNW)	20.41
4	188	10.7	144	10.0	113	10.6	73	10.8	110	146 (S E)	5.00	262 (W)	20.13
6	149	9.9	128	10.5	106	10.7	71	10.9	108	142 (S E)	6.51	52 (N E)	19.90
8	167	10.6	130	10.8	105	10.8	69	10.6	112	135 (S E)	19.18	67 (ENE)	19.93
10	150	11.5	127	10.1	108	10.6	74	10.5	113	136 (S E)	14.68	75 (ENE)	20.22
12	181	9.5	133	10.5	109	10.4	75	10.4	113	140 (S E)	15.22	256 (WSW)	20.49
14	141	11.0	115	10.3	91	10.4	61	10.3	115	144 (S E)	12.80	263 (W)	20.49
16	142	11.1	128	10.9	107	10.4	71	10.8	110	146 (S E)	1.70	50 (N E)	20.15
18	179	11.2	143	10.7	102	10.4	67	10.4	113	141 (S E)	10.20	59 (ENE)	19.87
20	176	11.0	146	10.7	119	10.6	82	10.8	109	142 (S E)	5.57	75 (ENE)	19.86
22	208	10.3	148	9.9	112	10.3	72	10.8	110	141 (S E)	2.96	98 (E)	20.11
24	226	10.3	153	10.6	110	10.7	70	10.6	112	139 (S E)	7.22	289 (WNW)	20.41

SEP. 12 1992

OBS. TIME	MAX. H (CM)	MAX. T (SEC)	1/10 H (CM)	1/10 T (SEC)	1/3 H (CM)	1/3 T (SEC)	MEAN H (CM)	MEAN T (SEC)	NUMBER OF WAVES	WAVE DIRECTION (DEG)	CURRENT VELOCITY (CM/S)	CURRENT DIRECTION (DEG)	DEPTH OF WATER (M)
2	133	11.8	114	11.3	96	10.6	65	10.8	110	142 (S E)	5.14	265 (W)	20.48
4	151	10.1	115	10.1	92	10.2	62	10.5	112	142 (S E)	4.41	286 (WNW)	20.22
6	162	10.4	135	10.2	113	10.3	71	10.7	111	141 (S E)	5.39	60 (ENE)	19.87
8	137	10.3	126	9.8	102	9.9	66	10.6	112	137 (S E)	17.34	66 (ENE)	19.84
10	132	10.6	113	10.9	88	10.2	57	10.6	112	137 (S E)	2.78	41 (N E)	20.12
12	94	11.1	79	9.8	66	9.9	47	10.3	114	127 (S E)	7.86	262 (W)	20.42
14	130	10.1	102	9.2	81	9.8	55	10.1	117	131 (S E)	15.40	264 (W)	20.48
16	133	11.9	113	10.4	89	10.2	58	10.3	115	138 (S E)	11.26	254 (WSW)	20.19
18	112	9.4	87	9.8	67	9.7	46	10.5	113	140 (S E)	4.01	283 (WNW)	19.83
20	124	10.2	101	9.5	81	9.9	56	10.3	113	134 (S E)	8.08	63 (ENE)	19.75
22	108	9.7	92	9.9	78	9.9	57	10.0	117	133 (S E)	8.20	88 (E)	20.02
24	94	10.8	78	10.9	63	10.5	42	11.0	107	135 (S E)	7.42	294 (WNW)	20.36

DAILY REPORT OF WAVES OBSERVATION

STATION : EAST No.0

SEP. 13 1992

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	80	8.7	74	9.7	64	9.9	44	11.1	107	142 (S E)	5.14	289 (WNW)	20.50
4	97	11.5	81	8.5	63	9.8	43	10.4	113	143 (S E)	7.65	265 (W)	20.29
6	94	8.1	77	9.4	62	9.6	43	10.5	112	147 (SSE)	9.47	244 (WSW)	19.92
8	87	8.1	82	9.3	69	9.7	45	10.2	116	137 (S E)	14.42	66 (ENE)	18.82
10	116	9.3	95	9.9	78	10.3	54	10.4	114	131 (S E)	13.16	70 (ENE)	20.04
12	118	9.9	103	9.7	86	10.3	58	10.8	109	138 (S E)	10.49	262 (W)	20.39
14	117	10.0	99	9.6	78	9.7	53	10.2	115	139 (S E)	14.79	261 (W)	20.51
16	145	10.6	100	10.5	80	10.1	53	10.5	112	142 (S E)	19.19	255 (WSW)	20.28
18	111	9.0	91	9.0	73	9.4	49	10.0	117	142 (S E)	31.84	271 (W)	19.85
20	104	10.2	82	10.0	66	9.7	45	10.3	116	137 (S E)	13.14	61 (ENE)	19.70
22	101	8.8	86	9.7	73	9.3	50	10.3	114	134 (S E)	13.90	67 (ENE)	18.95
24	110	9.5	93	8.4	78	9.7	55	9.9	119	141 (S E)	1.64	153 (SSE)	20.33

SEP. 14 1992

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	135	10.5	110	9.6	84	10.1	57	10.4	113	139 (S E)	6.02	49 (N E)	20.53
4	147	8.8	121	9.5	95	9.3	65	10.0	119	138 (S E)	11.94	257 (WSW)	20.39
6	120	11.5	101	10.1	84	9.8	59	9.8	120	141 (S E)	19.82	263 (W)	20.03
8	115	10.1	106	9.6	86	9.8	55	10.0	119	144 (S E)	5.65	25 (NNE)	19.83
10	87	6.9	80	9.2	68	9.2	48	10.1	118	131 (S E)	17.55	68 (ENE)	20.00
12	116	10.0	99	8.9	77	9.6	53	10.1	117	133 (S E)	12.76	62 (ENE)	20.34
14	104	9.5	119	9.4	77	9.4	52	10.0	118	137 (S E)	8.60	273 (W)	20.51
16	122	9.7	105	9.7	85	9.5	50	10.2	117	137 (S E)	14.03	254 (WSW)	20.33
18	101	8.1	80	8.6	73	8.5	47	10.2	115	151 (SSE)	32.80	255 (WSW)	19.91
20	118	9.4	86	9.5	69	9.4	47	10.3	114	147 (SSE)	15.05	265 (W)	19.69
22	115	10.3	93	9.0	72	9.4	48	9.8	120	141 (S E)	27.99	78 (ENE)	19.86
24	95	8.2	84	9.7	71	9.3	48	10.0	117	136 (S E)	9.22	70 (ENE)	20.26

SEP. 15 1992

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	110	9.1	86	9.4	69	9.2	47	9.6	123	137 (S E)	8.12	280 (W)	20.52
4	101	10.9	85	9.3	71	9.9	48	10.5	113	140 (S E)	6.76	274 (W)	20.45
6	104	8.8	88	9.3	72	9.0	49	9.8	118	143 (S E)	18.46	263 (W)	20.12
8	89	10.1	78	8.9	63	9.0	43	10.0	115	142 (S E)	17.99	297 (WNW)	19.86
10	84	9.0	66	8.5	55	8.8	39	10.1	116	136 (S E)	11.51	66 (ENE)	19.96
12	110	10.1	99	8.9	80	9.1	53	10.0	117	137 (S E)	5.39	55 (N E)	20.25
14	113	9.6	86	7.8	64	9.2	43	10.1	116	139 (S E)	13.51	257 (WSW)	20.43
16	94	9.9	80	9.1	67	9.0	47	9.6	121	142 (S E)	8.24	278 (W)	20.34
18	93	8.7	82	8.7	68	9.0	48	10.0	118	146 (S E)	23.80	261 (W)	19.99
20	118	9.0	90	8.6	71	8.4	48	9.3	126	145 (S E)	28.67	266 (W)	19.68
22	80	9.7	64	8.2	54	8.9	39	9.8	118	141 (S E)	23.36	68 (ENE)	19.78
24	94	8.9	69	8.9	56	9.8	39	10.0	116	131 (S E)	17.80	74 (ENE)	20.14

DAILY REPORT OF WAVES OBSERVATION

STATION : EAST No.0

SEP. 16 1992

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	83	11.1	79	8.8	66	8.3	44	9.6	123	133 (S E)	11.82	62 (ENE)	20.45
4	102	9.5	80	8.9	65	9.3	45	10.2	116	141 (S E)	9.35	267 (W)	20.51
6	94	8.4	78	8.6	63	9.4	45	10.4	114	142 (S E)	18.40	258 (WSW)	20.24
8	98	8.8	84	8.7	67	9.0	45	10.0	117	141 (S E)	18.90	268 (W)	18.93
10	88	10.8	76	10.1	60	9.6	42	10.8	108	135 (S E)	13.11	68 (ENE)	19.93
12	109	10.0	85	9.4	69	9.3	48	9.8	120	130 (S E)	12.12	84 (E)	20.15
14	108	9.8	89	9.9	69	10.1	48	11.2	105	139 (S E)	11.38	271 (W)	20.39
16	98	9.9	80	10.3	66	9.9	44	10.9	108	141 (S E)	8.80	272 (W)	20.35
18	103	11.0	85	9.7	65	10.3	43	10.8	110	143 (S E)	17.40	263 (W)	20.03
20	155	10.0	100	10.3	78	10.5	52	10.7	110	153 (SSE)	26.81	266 (W)	19.73
22	105	9.4	88	9.9	69	10.2	47	11.2	106	144 (S E)	10.13	63 (ENE)	19.71
24	122	10.6	106	10.2	82	10.5	52	10.3	116	146 (S E)	23.32	71 (ENE)	20.03

SEP. 17 1992

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	144	10.4	110	10.7	85	10.5	55	11.1	107	143 (S E)	16.22	75 (ENE)	20.36
4	155	11.1	117	10.8	91	10.6	61	10.8	110	147 (SSE)	3.93	18 (NNE)	20.48
6	117	11.2	105	10.6	87	10.5	58	10.9	109	149 (SSE)	3.34	193 (SSW)	20.30
8	141	11.2	118	10.2	95	10.5	64	11.3	105	149 (SSE)	19.21	286 (W)	20.03
10	133	11.9	114	11.0	90	11.3	60	11.3	105	144 (S E)	11.03	59 (ENE)	18.95
12	175	10.9	116	11.1	91	10.7	59	10.9	107	140 (S E)	16.83	66 (ENE)	20.12
14	153	10.3	120	10.2	104	10.6	74	10.7	110	141 (S E)	3.68	59 (ENE)	20.32
16	134	11.3	104	11.0	81	10.6	52	10.9	107	144 (S E)	14.91	264 (W)	20.35
18	108	11.2	89	10.3	71	10.4	47	10.5	113	146 (S E)	7.47	268 (W)	20.11
20	198	10.7	124	10.1	94	10.7	61	10.6	111	148 (SSE)	21.15	271 (W)	18.81
22	181	11.3	113	9.8	92	10.9	60	11.1	107	147 (SSE)	10.85	60 (ENE)	19.73
24	143	10.5	116	10.7	96	10.8	66	11.0	107	146 (S E)	14.21	71 (ENE)	18.96

SEP. 18 1992

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	161	11.6	126	10.5	102	10.9	69	11.1	106	144 (S E)	19.71	72 (ENE)	20.28
4	156	11.5	124	11.2	93	10.8	62	10.8	109	149 (SSE)	1.17	30 (NNE)	20.44
6	166	11.4	126	10.8	93	11.0	60	10.6	112	148 (SSE)	6.74	270 (W)	20.37
8	203	11.2	142	11.4	113	11.2	75	11.2	106	145 (S E)	6.40	48 (N E)	20.13
10	151	10.2	124	10.9	99	11.2	68	11.1	106	147 (SSE)	2.17	334 (NNW)	19.99
12	155	12.1	122	11.6	102	11.3	66	11.3	105	141 (S E)	13.87	66 (ENE)	20.12
14	154	11.1	130	10.9	105	11.2	71	11.2	106	136 (S E)	4.86	276 (W)	20.30
16	163	10.2	144	10.3	117	11.1	76	11.4	103	140 (S E)	11.52	266 (W)	20.36
18	125	11.1	116	11.2	98	11.7	65	12.0	98	141 (S E)	12.01	258 (WSW)	20.18
20	110	12.7	99	11.5	80	11.7	56	11.5	103	148 (SSE)	7.91	273 (W)	18.91
22	123	11.7	110	11.8	91	11.8	65	11.9	100	149 (SSE)	6.83	265 (W)	18.79
24	191	11.5	147	11.6	121	11.7	75	11.9	100	142 (S E)	8.32	52 (N E)	18.92

DAILY REPORT OF WAVES OBSERVATION

STATION : EAST No.0

SEP. 19 1992

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	177	12.2	138	11.9	109	11.7	71	11.4	104	145 (S E)	3.70	29 (NNE)	20.20
4	168	10.4	146	11.2	121	11.6	77	11.4	103	138 (S E)	16.05	61 (ENE)	20.36
6	180	10.9	142	11.5	107	11.1	67	11.4	104	144 (S E)	11.06	58 (ENE)	20.34
8	165	11.8	127	11.4	104	11.6	71	11.4	104	146 (S E)	3.02	323 (N W)	20.20
10	183	11.1	136	11.2	114	10.9	73	11.2	106	147 (SSE)	5.73	43 (N E)	20.08
12	188	11.3	156	11.4	129	11.6	86	11.7	101	144 (S E)	5.53	50 (N E)	20.10
14	182	11.0	146	11.8	115	11.7	68	11.7	101	141 (S E)	1.59	309 (N W)	20.24
16	182	12.0	127	11.4	104	11.5	68	11.7	101	138 (S E)	9.81	258 (WSW)	20.29
18	162	11.4	136	11.3	101	11.4	64	11.4	104	138 (S E)	18.64	260 (W)	20.20
20	185	11.5	141	10.8	112	11.1	75	11.1	106	148 (SSE)	3.28	271 (W)	20.01
22	203	10.5	147	11.1	116	11.1	75	11.2	106	145 (S E)	1.52	178 (S)	19.88
24	221	11.3	173	11.1	126	11.2	76	11.3	104	147 (SSE)	4.75	54 (N E)	19.89

SEP. 20 1992

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	214	11.3	170	11.0	127	11.2	79	11.2	105	137 (S E)	12.27	79 (E)	20.07
4	136	11.4	112	11.4	94	11.4	61	11.4	103	145 (S E)	3.95	61 (ENE)	20.26
6	178	11.0	139	11.3	110	11.3	71	11.5	103	138 (S E)	10.44	70 (ENE)	20.31
8	143	10.7	119	11.1	96	11.0	66	11.1	106	144 (S E)	3.83	49 (N E)	20.29
10	184	11.2	133	10.8	108	11.1	69	11.6	102	145 (S E)	2.73	60 (ENE)	20.19
12	167	11.1	128	11.4	101	11.3	68	11.0	107	144 (S E)	5.65	73 (ENE)	20.14
14	197	11.5	148	11.4	116	11.5	79	11.5	104	144 (S E)	2.55	95 (E)	20.17
16	195	11.5	135	11.5	101	11.4	67	11.4	104	144 (S E)	8.73	269 (W)	20.24
18	150	11.8	131	11.5	107	11.5	69	11.9	100	138 (S E)	15.01	264 (W)	20.18
20	169	11.7	148	11.5	114	11.3	73	11.6	102	148 (SSE)	0.72	97 (E)	20.09
22	206	11.3	145	11.1	111	11.2	72	11.4	104	147 (SSE)	1.97	276 (W)	19.94
24	178	11.8	133	11.2	101	11.1	70	10.9	109	145 (S E)	10.15	263 (W)	19.88

SEP. 21 1992

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	198	11.5	159	11.1	119	11.1	75	11.1	106	145 (S E)	3.18	284 (WNW)	19.97
4	165	11.2	135	11.0	105	11.0	67	11.0	108	145 (S E)	4.67	83 (E)	20.10
6	187	11.3	141	11.4	97	11.2	61	11.2	105	146 (S E)	1.34	108 (ESE)	20.22
8	155	11.3	139	10.4	106	10.9	69	11.0	107	141 (S E)	4.04	69 (ENE)	20.26
10	204	11.3	140	10.6	109	10.9	71	11.0	107	138 (S E)	7.09	68 (ENE)	20.23
12	201	10.8	142	10.9	107	10.8	71	11.1	107	142 (S E)	3.55	85 (E)	20.13
14	175	10.9	139	10.9	106	10.9	71	11.0	108	134 (S E)	14.88	77 (ENE)	20.07
16	168	10.8	131	10.8	108	10.7	69	11.0	108	138 (S E)	4.21	266 (W)	20.05
18	139	10.7	119	11.2	98	11.1	64	11.1	106	138 (S E)	13.35	255 (WSW)	20.06
20	153	10.8	128	10.9	102	10.8	65	10.8	110	139 (S E)	33.86	256 (WSW)	20.05
22	155	11.3	125	11.1	102	10.9	70	10.9	109	135 (S E)	8.44	98 (E)	20.03
24	169	10.0	134	10.8	109	10.9	73	11.0	108	135 (S E)	20.57	75 (ENE)	19.97

DAILY REPORT OF WAVES OBSERVATION

STATION : EAST No. 0

SEP. 22 1992

OBS. TIME	MAX. H (CM)	1/10 H (CM)	1/3 H (CM)	MEAN H (CM)	WAVE T (SEC)	NUMBER OF WAVES	WAVE DIRECTION (DEG)	CURRENT VELOCITY (CM/S)	CURRENT DIRECTION (DEG)	DEPTH OF WATER (M)
2	157	132	104	66	11.2	105	135 (S E)	4.74	64 (ENE)	19.93
4	167	128	101	67	11.2	110	135 (S E)	5.54	82 (E)	19.96
6	165	131	104	68	11.0	106	135 (S E)	10.65	65 (ENE)	20.09
8	149	111	91	58	11.1	103	139 (S E)	7.35	74 (ENE)	20.26
10	133	112	91	58	11.0	110	137 (S E)	8.82	63 (ENE)	20.36
12	149	122	97	64	11.3	102	136 (S E)	8.83	65 (ENE)	20.29
14	125	109	87	60	11.4	103	142 (S E)	3.04	253 (WSW)	20.14
16	133	105	82	56	11.7	100	135 (S E)	4.58	71 (ENE)	20.04
18	182	146	104	61	11.6	102	133 (S E)	15.65	74 (ENE)	20.03
20	164	142	105	69	11.4	105	137 (S E)	4.95	73 (ENE)	20.17
22	173	153	125	79	11.3	103	137 (S E)	3.02	325 (N W)	20.23
24	157	122	94	58	11.4	102	140 (S E)	6.03	53 (N E)	20.15

SEP. 23 1992

OBS. TIME	MAX. H (CM)	1/10 H (CM)	1/3 H (CM)	MEAN H (CM)	WAVE T (SEC)	NUMBER OF WAVES	WAVE DIRECTION (DEG)	CURRENT VELOCITY (CM/S)	CURRENT DIRECTION (DEG)	DEPTH OF WATER (M)
2	156	142	114	75	11.3	102	140 (S E)	7.30	245 (WSW)	20.01
4	197	138	110	72	11.3	102	139 (S E)	8.32	242 (WSW)	19.91
6	201	174	134	84	11.4	105	136 (S E)	11.57	80 (E)	19.96
8	225	171	134	88	11.2	104	132 (S E)	20.96	75 (ENE)	20.17
10	171	144	114	72	11.3	105	135 (S E)	6.65	73 (ENE)	20.37
12	173	142	107	69	11.4	102	138 (S E)	6.86	270 (W)	20.37
14	171	151	122	83	11.1	108	139 (S E)	5.01	70 (ENE)	20.19
16	158	137	114	71	11.8	101	139 (S E)	8.18	66 (ENE)	19.97
18	163	143	116	77	11.5	98	135 (S E)	5.28	93 (E)	19.91
20	213	165	129	82	11.3	99	133 (S E)	4.72	241 (WSW)	20.07
22	160	132	103	64	11.7	101	134 (S E)	12.03	259 (W)	20.30
24	143	130	102	64	11.7	104	141 (S E)	8.16	251 (WSW)	20.31

SEP. 24 1992

OBS. TIME	MAX. H (CM)	1/10 H (CM)	1/3 H (CM)	MEAN H (CM)	WAVE T (SEC)	NUMBER OF WAVES	WAVE DIRECTION (DEG)	CURRENT VELOCITY (CM/S)	CURRENT DIRECTION (DEG)	DEPTH OF WATER (M)
2	167	139	115	79	11.7	100	143 (S E)	8.77	263 (W)	20.14
4	138	113	93	65	11.9	89	143 (S E)	12.32	249 (WSW)	19.90
6	196	131	103	67	11.4	104	140 (S E)	11.45	88 (E)	19.88
8	190	161	130	81	12.4	95	137 (S E)	12.71	73 (ENE)	20.09
10	195	165	138	83	11.6	103	141 (S E)	2.54	354 (N)	20.35
12	211	170	133	83	11.6	102	140 (S E)	7.27	260 (W)	20.46
14	155	130	103	67	11.5	103	142 (S E)	11.58	258 (WSW)	20.29
16	186	165	132	82	11.4	103	145 (S E)	4.46	262 (W)	19.94
18	213	143	111	72	11.4	104	142 (S E)	13.56	66 (ENE)	19.80
20	178	140	107	72	11.9	100	136 (S E)	8.66	67 (ENE)	19.97
22	136	120	97	63	11.7	101	139 (S E)	6.12	86 (E)	20.30
24	141	126	102	67	11.7	105	141 (S E)	13.05	259 (W)	20.44

DAILY REPORT OF WAVES OBSERVATION

STATION : EAST No.0

SEP. 25 1992

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	116	11.6	96	11.4	75	11.1	49	11.2	105	144 (S E)	8.64	256 (WSW)	20.30
4	125	11.5	107	11.1	89	11.4	59	11.4	104	146 (S E)	12.85	251 (WSW)	19.97
6	151	12.2	113	11.3	80	11.3	58	11.3	105	147 (SSE)	2.89	52 (N E)	18.80
8	185	10.0	138	10.9	97	11.0	69	11.4	104	136 (S E)	17.02	74 (ENE)	19.94
10	193	10.5	155	10.8	121	10.9	79	11.1	107	140 (S E)	2.96	276 (W)	20.30
12	167	10.9	127	10.8	96	10.9	62	11.2	105	140 (S E)	12.92	256 (WSW)	20.49
14	130	10.5	118	10.8	93	10.8	59	11.0	107	144 (S E)	14.37	254 (WSW)	20.37
16	146	10.1	114	10.8	86	10.4	55	10.6	111	148 (SSE)	26.36	255 (WSW)	19.99
18	158	10.6	112	10.5	79	10.4	51	10.6	112	149 (SSE)	26.68	275 (W)	18.70
20	141	10.5	116	10.9	82	10.7	53	11.0	108	141 (S E)	12.59	67 (ENE)	18.85
22	103	10.0	79	9.9	63	10.6	42	11.3	104	132 (S E)	4.85	57 (ENE)	20.26
24	109	10.1	99	10.7	79	10.7	52	11.1	107	133 (S E)	7.20	257 (WSW)	20.52

SEP. 26 1992

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	137	11.0	114	10.3	87	10.5	53	10.7	111	138 (S E)	20.85	249 (WSW)	20.48
4	115	10.4	97	10.7	76	10.7	51	10.7	113	145 (S E)	41.22	255 (WSW)	20.12
6	123	10.2	94	10.5	70	10.3	48	10.3	115	146 (S E)	37.38	266 (W)	19.79
8	104	10.0	83	10.4	68	10.7	47	10.6	111	138 (S E)	23.62	75 (ENE)	19.88
10	110	10.7	98	10.9	79	10.7	53	10.9	109	131 (S E)	17.04	74 (ENE)	20.22
12	111	10.1	84	10.6	70	10.3	45	10.5	112	134 (S E)	11.58	80 (E)	20.46
14	154	10.4	110	10.6	84	10.8	53	10.8	110	141 (S E)	9.19	244 (WSW)	20.42
16	94	10.5	77	10.8	59	10.5	40	10.6	111	143 (SSE)	29.73	254 (WSW)	20.05
18	92	10.2	78	10.3	63	10.3	44	10.6	112	145 (S E)	46.49	270 (W)	19.64
20	72	10.4	65	10.4	56	10.4	37	11.0	107	146 (S E)	24.80	71 (ENE)	19.67
22	86	11.0	66	10.6	49	10.5	33	10.7	109	129 (S E)	17.23	76 (ENE)	20.10
24	76	11.0	68	10.0	56	9.7	38	10.6	112	132 (S E)	5.26	258 (WSW)	20.49

SEP. 27 1992

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	104	10.0	77	9.9	61	10.2	42	10.7	111	140 (S E)	4.43	216 (S W)	20.59
4	95	10.2	75	9.8	63	10.0	43	10.3	116	150 (SSE)	25.69	250 (WSW)	20.28
6	86	8.8	73	10.1	61	9.9	41	10.4	114	147 (SSE)	30.40	260 (W)	19.86
8	92	9.8	79	10.0	66	10.1	44	10.3	115	138 (S E)	14.82	79 (E)	19.79
10	72	11.6	64	10.4	52	9.8	34	10.4	113	127 (S E)	14.25	77 (ENE)	20.07
12	91	9.6	81	10.2	67	10.2	46	10.5	112	135 (S E)	2.62	25 (NNE)	20.37
14	83	11.1	73	10.2	56	9.8	37	10.4	113	138 (S E)	30.48	259 (W)	20.41
16	79	7.6	61	8.1	47	8.8	31	8.8	118	153 (SSE)	13.12	263 (W)	20.11
18	71	9.5	58	10.2	46	10.3	30	10.6	110	148 (WSW)	7.20	254 (WSW)	19.68
20	81	10.9	60	8.9	48	8.9	33	10.3	116	150 (SSE)	13.82	68 (ENE)	19.58
22	75	10.3	54	9.8	45	10.1	30	10.7	110	138 (S E)	21.26	79 (E)	19.91
24	108	10.6	93	10.3	71	10.4	43	10.9	109	134 (S E)	9.28	247 (WSW)	20.39

DAILY REPORT OF WAVES OBSERVATION

STATION : EAST No. 0

SEP. 28 1992

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	124	11.0	85	9.4	66	10.0	42	10.7	110	137 (S E)	0.14	184 (S)	20.57
4	113	10.5	84	10.5	67	10.2	43	10.3	115	144 (S E)	13.61	255 (WSW)	20.37
6	102	9.9	78	9.7	61	10.2	40	10.5	113	143 (S E)	2.10	223 (S W)	19.97
8	***	***	***	***	***	***	***	***	***	*** (***)	***	*** (***)	***
10	101	9.4	82	10.2	69	10.4	45	10.5	112	131 (S E)	11.24	81 (E)	18.96
12	104	10.5	89	10.1	69	10.5	44	10.8	107	128 (S E)	10.43	268 (W)	20.27
14	***	***	***	***	***	***	***	***	***	*** (***)	***	*** (***)	***
16	97	11.1	85	10.8	69	10.4	46	10.3	116	133 (S E)	5.33	50 (N E)	20.14
18	96	9.6	76	10.5	63	10.5	41	10.8	110	147 (SSE)	31.96	253 (WSW)	19.72
20	146	8.6	112	10.4	94	10.4	61	10.7	111	143 (S E)	1.90	163 (SSE)	18.53
22	130	10.7	103	10.5	82	10.7	53	10.9	109	128 (S E)	18.45	79 (E)	19.76
24	155	10.7	133	10.2	116	10.6	76	10.7	110	131 (S E)	16.01	83 (E)	20.22

SEP. 29 1992

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	176	11.1	162	10.8	132	10.8	88	10.8	110	128 (S E)	6.38	291 (WNW)	20.54
4	166	10.8	134	10.5	110	10.5	72	10.7	111	128 (S E)	8.55	267 (W)	20.45
6	135	10.4	111	10.3	92	10.2	60	10.2	116	135 (S E)	4.51	281 (W)	20.09
8	172	10.9	116	10.5	89	10.5	59	10.4	113	139 (S E)	4.21	40 (N E)	19.84
10	110	10.7	87	10.7	68	10.5	44	10.8	110	126 (S E)	21.46	69 (ENE)	19.95
12	145	11.0	124	10.6	99	10.7	69	11.2	106	131 (S E)	7.72	242 (WSW)	20.21
14	111	10.5	90	10.2	73	10.4	49	10.4	114	133 (S E)	8.82	259 (W)	20.41
16	103	11.1	91	10.4	74	10.6	52	10.9	108	130 (S E)	16.17	261 (W)	20.24
18	130	10.4	100	10.2	75	10.2	47	10.9	107	137 (S E)	19.54	252 (WSW)	18.85
20	116	10.5	92	10.5	72	10.4	46	10.7	110	146 (S E)	33.34	267 (W)	19.57
22	118	10.6	97	10.7	78	10.6	53	10.7	111	138 (S E)	20.76	67 (ENE)	19.69
24	119	11.6	107	10.7	88	11.3	58	11.2	105	132 (S E)	16.19	71 (ENE)	20.10

SEP. 30 1992

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	196	11.8	148	11.6	118	11.5	73	11.2	106	139 (S E)	1.57	302 (WNW)	20.47
4	246	11.6	201	11.5	154	11.4	95	11.2	104	139 (S E)	4.84	39 (N E)	20.49
6	190	10.9	166	11.2	139	11.1	92	11.4	105	139 (S E)	4.59	41 (N E)	20.20
8	268	12.5	213	11.5	170	11.5	108	11.8	100	138 (S E)	7.71	60 (ENE)	19.91
10	239	11.7	224	11.6	182	11.5	125	11.6	101	136 (S E)	8.88	61 (ENE)	19.94
12	331	12.9	262	12.1	204	12.0	125	11.5	104	134 (S E)	23.71	69 (ENE)	20.12
14	194	12.1	167	12.0	141	12.1	97	12.5	95	130 (S E)	7.56	268 (W)	20.34
16	210	12.4	183	11.1	144	11.7	96	11.5	102	130 (S E)	11.76	257 (WSW)	20.28
18	287	11.7	220	11.7	177	11.8	109	11.7	101	133 (S E)	2.17	330 (NNW)	19.96
20	183	12.1	151	11.7	126	11.4	86	11.8	99	138 (S E)	5.05	235 (S W)	18.68
22	184	12.2	158	11.8	132	12.0	85	11.8	100	143 (S E)	4.32	55 (N E)	18.69
24	226	10.5	152	11.1	118	11.3	80	11.3	105	135 (S E)	18.49	66 (ENE)	19.99

DAILY REPORT OF WAVES OBSERVATION

STATION : EAST No. 0

OCT. 1 1992

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	161	10.6	134	10.9	112	10.8	75	11.0	108	137 (S E)	16.13	70 (ENE)	20.35
4	216	11.5	159	11.4	116	11.3	73	11.2	106	137 (S E)	5.84	306 (N W)	20.47
6	143	11.4	113	11.1	89	11.4	60	11.5	103	142 (S E)	3.43	35 (N E)	20.30
8	161	12.1	139	11.8	108	11.7	73	11.7	101	149 (SSE)	3.32	37 (N E)	20.02
10	184	11.6	150	11.6	110	11.6	70	11.5	104	142 (S E)	20.09	66 (ENE)	19.92
12	138	12.2	91	11.9	71	11.5	48	11.5	103	128 (S E)	14.39	74 (ENE)	20.06
14	106	11.0	84	11.4	67	11.4	46	11.7	100	133 (S E)	5.90	242 (WSW)	20.25
16	84	11.4	67	11.4	58	11.5	40	11.4	103	137 (S E)	2.08	356 (N)	20.27
18	96	11.0	82	11.6	67	11.6	44	11.8	100	142 (S E)	17.31	266 (W)	20.05
20	102	11.4	89	12.3	73	11.8	51	11.6	102	145 (S E)	3.34	303 (WNW)	19.79
22	149	13.2	118	12.8	92	12.4	59	12.3	96	146 (S E)	23.62	67 (ENE)	19.69
24	204	12.9	153	11.8	99	12.2	59	11.9	99	144 (S E)	26.25	67 (ENE)	19.89

OCT. 2 1992

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	93	11.5	80	11.2	63	11.5	42	11.8	100	137 (S E)	3.07	264 (W)	20.22
4	120	12.4	98	12.0	77	12.0	53	12.3	96	145 (S E)	13.94	273 (W)	20.38
6	105	11.6	80	12.2	64	11.8	43	12.0	99	145 (S E)	21.79	262 (W)	20.33
8	96	10.5	74	12.3	60	12.4	-40	12.7	93	145 (S E)	10.38	65 (ENE)	20.10
10	122	12.5	101	12.2	76	12.4	49	12.1	98	145 (S E)	26.13	68 (ENE)	19.93
12	118	11.8	89	11.8	71	12.0	49	11.9	100	140 (S E)	12.83	60 (ENE)	20.00
14	111	11.8	93	11.8	71	11.6	46	11.5	104	137 (S E)	23.70	264 (W)	20.17
16	65	11.6	55	12.3	43	11.8	29	12.0	96	140 (S E)	5.91	49 (N E)	20.22
18	77	11.8	67	11.1	58	11.6	39	11.5	101	150 (SSE)	22.30	268 (W)	20.08
20	89	12.8	64	11.7	53	11.7	36	11.8	100	147 (SSE)	1.25	322 (N W)	19.91
22	95	11.9	73	12.0	58	11.9	38	11.8	99	140 (S E)	12.84	58 (ENE)	19.77
24	94	11.5	81	11.5	68	12.0	45	11.9	99	142 (S E)	19.18	68 (ENE)	19.84

OCT. 3 1992

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	88	10.8	70	11.6	56	11.5	40	11.5	102	140 (S E)	8.38	261 (W)	20.08
4	84	12.9	71	12.2	58	11.5	41	12.2	97	149 (SSE)	2.53	293 (WNW)	20.27
6	115	12.6	87	11.6	72	11.7	47	11.6	102	147 (SSE)	2.69	67 (ENE)	20.29
8	97	12.0	74	11.3	59	11.3	40	11.7	100	144 (S E)	2.84	320 (N W)	20.17
10	90	12.8	85	11.3	68	11.8	44	12.0	99	148 (SSE)	2.96	280 (W)	20.04
12	123	12.1	101	11.5	82	11.4	57	11.6	103	148 (S E)	3.79	48 (N E)	20.01
14	135	12.3	114	12.5	91	12.3	59	12.1	97	148 (SSE)	4.18	343 (NNW)	20.11
16	95	11.7	82	11.8	67	11.4	44	11.4	103	143 (S E)	4.82	279 (W)	20.15
18	121	11.2	107	11.6	83	11.8	52	12.1	98	145 (S E)	11.59	58 (ENE)	20.11
20	116	11.8	96	11.2	80	11.2	56	11.4	103	146 (S E)	2.66	51 (N E)	20.01
22	141	10.8	124	11.1	96	11.3	65	11.0	109	149 (SSE)	3.96	329 (NNW)	19.90
24	146	10.7	130	10.7	110	10.8	74	11.2	106	144 (S E)	11.32	53 (N E)	19.90

DAILY REPORT OF WAVES OBSERVATION

STATION : EAST No.0

OCT. 4 1992

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	122	11.4	108	11.0	87	10.9	61	10.7	111	143 (S E)	13.49	59 (ENE)	20.03
4	143	10.9	115	10.8	90	10.7	61	11.0	108	144 (S E)	21.67	64 (ENE)	20.17
6	161	10.0	125	10.6	101	10.5	65	10.7	110	141 (S E)	13.64	63 (ENE)	20.24
8	99	11.4	90	10.4	75	10.7	50	10.8	110	140 (S E)	14.76	63 (ENE)	20.21
10	163	11.8	115	11.1	83	10.8	54	11.2	106	144 (S E)	15.65	61 (ENE)	20.11
12	115	11.0	103	10.9	85	11.0	57	11.0	107	146 (S E)	15.43	63 (ENE)	20.02
14	147	9.8	129	11.5	103	11.2	69	11.2	104	146 (S E)	10.70	64 (ENE)	20.05
16	135	10.7	115	10.4	91	11.0	59	11.2	105	146 (S E)	6.84	69 (ENE)	20.07
18	189	10.9	131	11.2	98	11.3	63	11.8	100	145 (S E)	0.50	39 (N E)	20.03
20	129	10.9	97	11.1	79	10.6	54	11.2	106	142 (S E)	15.41	262 (W)	20.02
22	110	10.9	86	10.7	68	10.7	46	11.0	107	145 (S E)	2.11	21 (NNE)	19.98
24	111	10.3	99	11.3	80	10.9	55	11.3	104	147 (SSE)	3.04	59 (ENE)	19.92

OCT. 5 1992

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	170	12.1	109	11.5	84	11.5	55	11.8	100	144 (S E)	8.70	78 (ENE)	19.97
4	96	12.8	83	11.8	72	11.3	52	11.8	100	144 (S E)	17.93	71 (ENE)	20.02
6	105	12.1	91	11.4	79	11.8	54	11.7	100	138 (S E)	8.72	81 (E)	20.12
8	123	11.0	104	10.8	82	10.5	56	10.9	108	139 (S E)	7.34	268 (W)	20.18
10	66	10.6	59	11.1	49	11.6	33	11.4	103	142 (S E)	6.07	268 (W)	20.11
12	90	12.4	78	11.2	63	10.8	42	11.1	106	140 (S E)	9.57	261 (W)	20.04
14	119	10.0	97	10.9	75	11.1	49	11.8	101	139 (S E)	6.88	272 (W)	18.98
16	78	11.1	69	11.5	55	11.1	38	11.9	99	139 (S E)	1.29	16 (NNE)	19.97
18	192	10.5	135	10.9	103	11.2	63	10.7	110	139 (S E)	6.46	76 (ENE)	19.97
20	104	10.9	89	10.9	75	10.8	53	11.2	105	141 (S E)	8.83	267 (W)	20.00
22	83	10.4	78	11.4	66	11.5	45	12.2	97	143 (S E)	4.10	259 (W)	20.05
24	97	10.1	87	11.0	71	11.2	47	12.0	98	141 (S E)	2.85	86 (E)	19.98

OCT. 6 1992

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	147	11.1	122	11.5	91	11.9	59	12.2	98	144 (S E)	7.62	258 (WSW)	19.97
4	153	12.2	123	11.3	96	11.0	66	11.5	103	140 (S E)	7.66	74 (ENE)	19.95
6	152	12.4	122	9.9	94	11.0	60	11.7	101	138 (S E)	15.94	82 (E)	20.03
8	141	11.2	122	11.0	98	10.7	66	11.2	106	138 (S E)	11.04	266 (W)	20.15
10	130	10.7	112	10.8	91	10.9	60	10.6	111	134 (S E)	8.08	273 (W)	20.20
12	94	10.8	81	10.7	65	10.7	44	11.2	105	139 (S E)	1.23	163 (SSE)	20.14
14	132	10.8	100	10.4	74	10.9	50	10.8	109	137 (S E)	6.99	59 (ENE)	20.02
16	89	11.1	79	10.6	67	10.9	46	12.0	98	130 (S E)	22.71	69 (ENE)	19.92
18	100	12.1	85	11.8	69	11.2	46	11.6	102	130 (S E)	26.43	74 (ENE)	19.90
20	78	10.0	69	10.9	55	11.2	37	11.9	100	135 (S E)	15.62	266 (W)	20.01
22	123	12.7	87	12.4	68	11.9	47	12.1	98	144 (S E)	6.36	298 (WNW)	20.12
24	95	11.7	72	11.3	57	11.1	40	11.3	105	138 (S E)	18.02	264 (W)	20.10

DAILY REPORT OF WAVES OBSERVATION

STATION : EAST No.0

OCT. 7 1992

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	81	11.0	70	11.0	58	10.9	40	11.1	106	135 (S E)	16.34	64 (ENE)	20.02
4	143	10.5	98	10.1	78	10.9	48	11.3	104	139 (S E)	23.66	67 (ENE)	18.91
6	146	11.4	105	11.1	80	11.1	53	11.3	104	133 (S E)	18.37	75 (ENE)	19.96
8	68	11.3	62	12.0	51	12.0	35	11.5	102	136 (S E)	2.53	325 (N W)	20.12
10	84	10.9	74	10.8	58	11.0	38	11.1	106	132 (S E)	21.45	268 (W)	20.27
12	97	11.2	86	11.2	72	11.2	49	10.9	106	130 (S E)	7.47	268 (W)	20.25
14	99	9.6	80	11.0	73	10.8	48	11.5	102	130 (S E)	8.36	71 (ENE)	20.07
16	111	11.0	85	10.8	69	11.0	46	11.3	105	126 (S E)	11.72	68 (ENE)	19.90
18	79	10.3	73	11.1	62	11.0	43	11.5	102	128 (S E)	21.26	75 (ENE)	19.85
20	81	11.8	75	11.7	60	11.5	40	11.6	102	132 (S E)	4.40	307 (N W)	19.99
22	68	11.0	63	11.3	51	11.3	34	11.3	105	133 (S E)	9.38	281 (W)	20.19
24	***	***	***	***	***	***	***	***	***	*** (***)	***	*** (***)	***

OCT. 8 1992

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	***	***	***	***	***	***	***	***	***	*** (***)	***	*** (***)	***
4	***	***	***	***	***	***	***	***	***	*** (***)	***	*** (***)	***
6	72	10.8	61	10.9	50	10.6	34	11.2	106	130 (S E)	27.86	72 (ENE)	19.85
8	82	11.1	61	10.7	48	10.5	34	11.1	105	134 (S E)	3.22	247 (WSW)	20.02
10	67	12.0	58	11.5	48	11.3	33	11.7	100	130 (S E)	5.70	289 (WNW)	20.24
12	73	10.8	64	9.9	51	10.7	35	11.0	107	133 (S E)	5.48	283 (WNW)	20.29
14	106	10.7	83	10.9	63	10.8	41	10.9	108	134 (S E)	2.59	352 (N)	20.12
16	79	10.9	73	10.7	61	10.7	41	10.9	107	138 (S E)	23.30	64 (ENE)	19.85
18	95	10.1	72	10.7	61	10.4	42	10.6	112	139 (S E)	31.88	71 (ENE)	19.72
20	91	10.9	76	11.0	61	10.8	39	11.3	105	130 (S E)	19.13	75 (ENE)	19.87
22	87	10.6	63	10.5	45	10.5	29	10.9	107	137 (S E)	15.15	269 (W)	20.14
24	71	11.2	62	9.2	49	10.3	34	10.8	109	132 (S E)	12.56	265 (W)	20.29

OCT. 9 1992

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	74	11.2	61	10.4	48	10.5	34	10.5	111	145 (S E)	1.82	303 (WNW)	20.17
4	71	11.8	64	10.0	53	10.3	37	10.6	110	134 (S E)	31.05	71 (ENE)	18.89
6	84	10.7	78	9.2	61	9.6	40	10.8	108	134 (S E)	32.36	75 (ENE)	19.78
8	65	11.4	57	9.1	46	10.1	31	11.1	102	137 (S E)	3.38	347 (NNW)	19.92
10	77	11.3	63	10.1	54	10.7	38	11.1	103	136 (S E)	19.13	269 (W)	20.19
12	95	10.7	75	9.9	58	9.9	39	10.5	110	141 (S E)	14.66	263 (W)	20.30
14	86	10.8	70	10.1	57	10.1	40	10.7	109	139 (S E)	1.81	16 (NNE)	20.17
16	102	10.7	92	10.2	76	10.5	51	10.8	108	137 (S E)	33.93	68 (ENE)	19.85
18	111	11.1	96	11.4	85	11.0	59	11.2	106	135 (S E)	30.73	75 (ENE)	19.67
20	135	10.3	119	11.2	93	11.1	58	11.2	106	120 (ESE)	22.30	80 (E)	19.80
22	***	***	***	***	***	***	***	***	***	*** (***)	***	*** (***)	***
24	***	***	***	***	***	***	***	***	***	*** (***)	***	*** (***)	***

Chapter 3 Statistical Data of Male' Island

3.1 Population and Housing

a) Population	Male	Female	Total	12 years	Employed
Henveyru	7,895	6,942	14,837	Agri. + Forestry	70
Galohu	4,927	4,276	9,203	Fishing	738
Machchangolhi	5,840	5,182	11,022	Quarrying	177
Maafannu	10,052	8,532	18,584	Manufacturing	1,251
Harbour	1,436	48	1,484	Utilities	314
Total	30,150	24,980	55,130	Construction	1014
				Commerce	3,049
b) Type of Housing in Male': Non Resident				Transport etc.	2,893
Office	217			Banking etc.	720
Education	26			Com. Soc. Services	6,250
Health	62			Not Stated	634
Mosque	26			Total	17,255
Shop	42			Un-Employed	257
Hotel	7			Not-Eco. Active	20,913
Ware House	98			+23: Not Stated	
Workshop: Engin.	33				
Workshop: Others	73	Occupied	3,380		
Others	182	Vacant	221		
Total	1,470	Residential	3,601		5,071
c) Drinking Water and Dwelling Types					
	Dwelling	Mobile	Collective	Others	Total
Rain	3,861	111	30	24	4,026
Well	632	124	13	6	775
Others	690	57	6	59	812
Total	5,183	292	49	89	5,613
No. of Person					
Rain	40,346	550	402	165	41,463
Well	6,003	628	61	35	6,727
Others	6,380	255	79	226	6,940
Total	52,729	1,433	542	426	55,130

d) Grading of Dwelling Unit

Grade	A	B	C	Total
Total	3,867	716	1,030	5,613
Non-Rent	3,166	600	838	4,604
Renting	701	116	192	1,009
< 250	13	3	7	23
250 - 449	41	24	58	123
450 - 649	110	24	46	180
650 - 1049	152	28	42	222
1050 - 1449	59	7	7	73
1450 - 1849	85	9	9	103
1850 - 2249	47	9	7	63
2250 - 2649	32	2	3	37
2650 - 3449	37	1	2	40
3459 - 4999	36	2	3	41
> 5000	35	2	2	39
Not stated	54	5	6	65

e) Appliances

	Radio	TV	VCR	SM	Refrg	WM	AC	Tel.
Household	4,825	3,774	2,565	3,573	2,224	3,012	117	2,370
Person	50,600	42,909	30,422	41,353	25,762	35,694	1,926	2,8084

Note: SM = Sewing Machine, WM = Washing Machine, AC = Air Conditioner.
Source: Census 1990

3.2 Vehicle registration

	Bicycle	M. Car	M. Cycle	Truck	Bus	Jeep etc.
1989	23,953	509	2,388	368	66	332
1990	28,252	623	2,943	380	77	356

Note: M = Motor
Source: Statistical Year Book 1991

3.3 Consumer Price Index: CPI

CPI 1987: 1981 = 100		A*B	A: Weight	B: CPI
1.	Food	9,624.17	57,355	167.80
2.	Clothing	1,307.45	8,033	162.76
3.	Room Rent	473.31	1,572	301.09
4.	Housing Equipment	2,264.61	16,999	133.22
5.	Transportation	292.63	2,637	110.97
6.	Tobacco & Beverages	548.56	4,398	124.73
7.	Health & Personal Care	453.88	2,497	181.77
8.	Education & Recreation	762.67	6,482	117.66
Total		15,727.28	99,973	157.32

CPI 1990: 1981 = 100		A*B	A: Weight	B: CPI
1.	Food	10,797.08	57,355	188.25
2.	Clothing	1,299.90	8,033	161.82
3.	Room Rent	1,918.11	1,572	1,220.17
4.	Housing Equipment	3,049.28	16,999	179.38
5.	Transportation	305.23	2,637	115.75
6.	Tobacco & Beverages	620.91	4,398	141.18
7.	Health & Personal Care	585.72	2,497	234.57
8.	Education & Recreation	646.54	5,875	110.05
Total		19,222.77	99,366	193.45

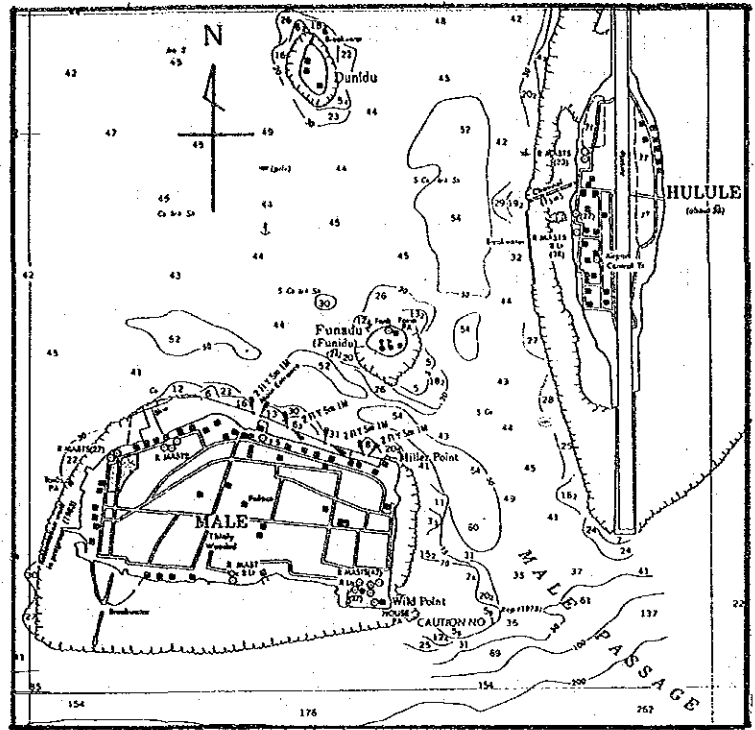
Source: Statistical year book '91

Chapter 4. Meteorological Data

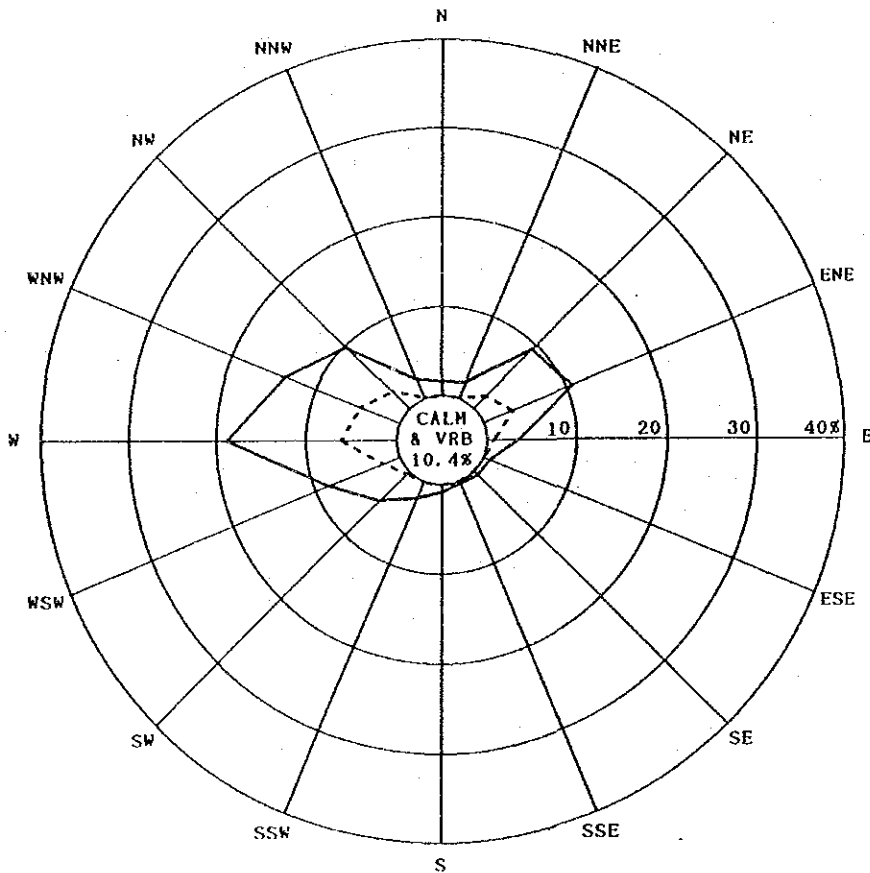
- PERIOD : 1986 to 1990

- STATION : Hulule Island

- (1) Wind Rose
- (2) Frequency of Wind Speed and Wind Direction
- (3) Frequency of Wind Speed
- (4) Number of Days with Specific Strong Wind Speed
- (5) Mean Wind Speed at Each Time
- (6) Monthly Mean Temperature
- (7) Monthly Precipitation Amount
- (8) Number of Days with Specific Precipitation



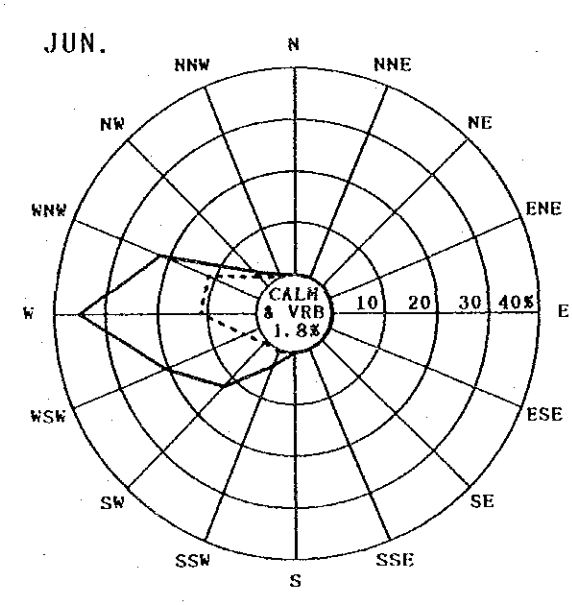
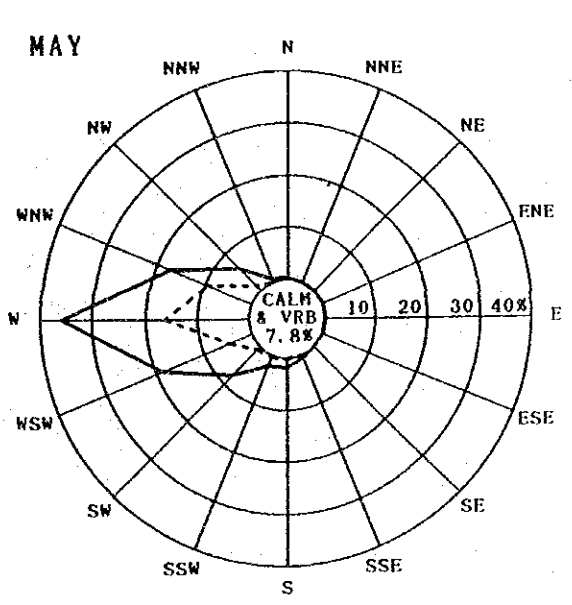
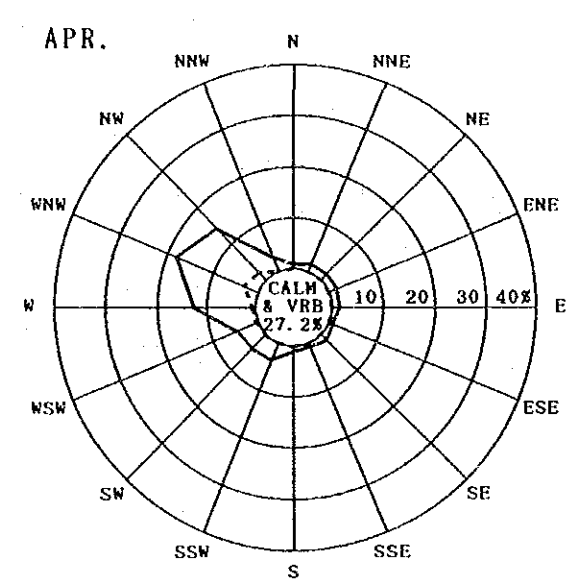
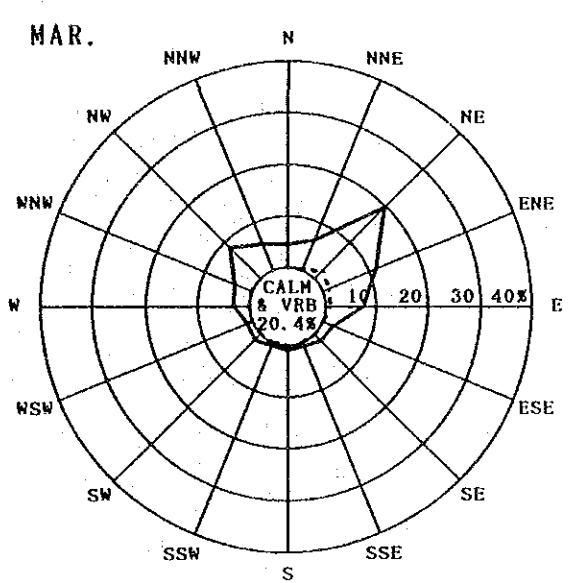
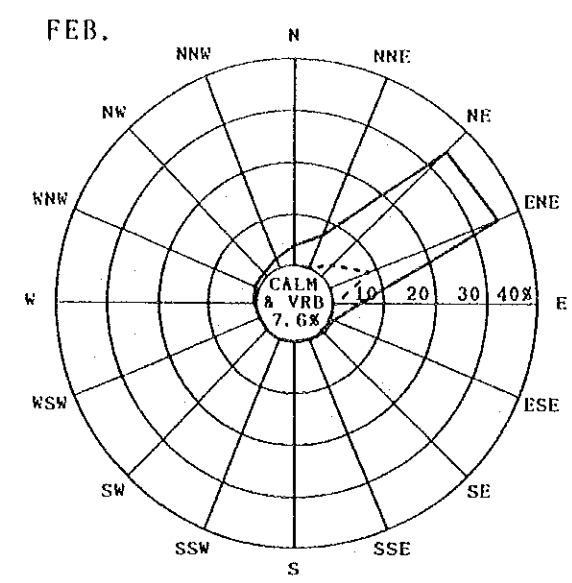
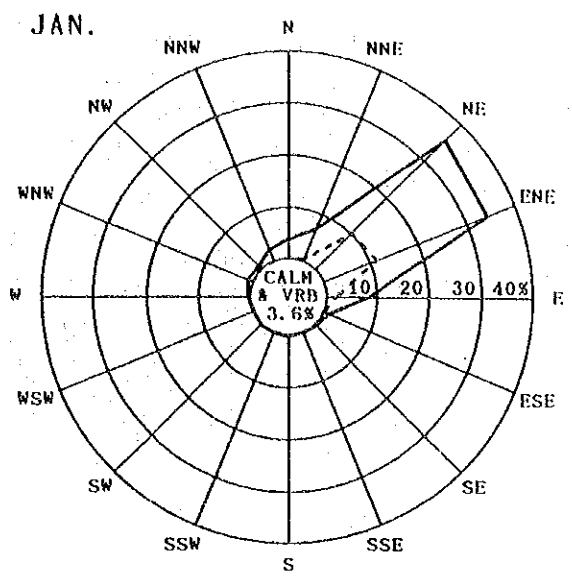
YEAR



DEPARTMENT OF METEOROLOGY MALE
 JAN. 1986 - DEC. 1990

—— ALL DATA
 - - - - ≥ 15 kt

WIND ROSE

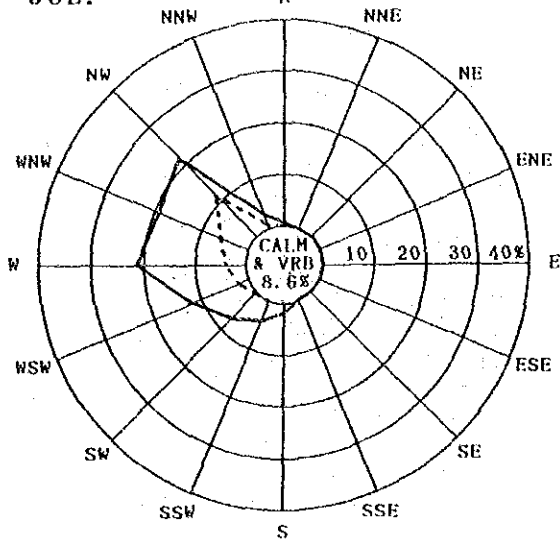


DEPARTMENT OF METEOROLOGY MALE
 JAN. 1986 - DEC. 1990

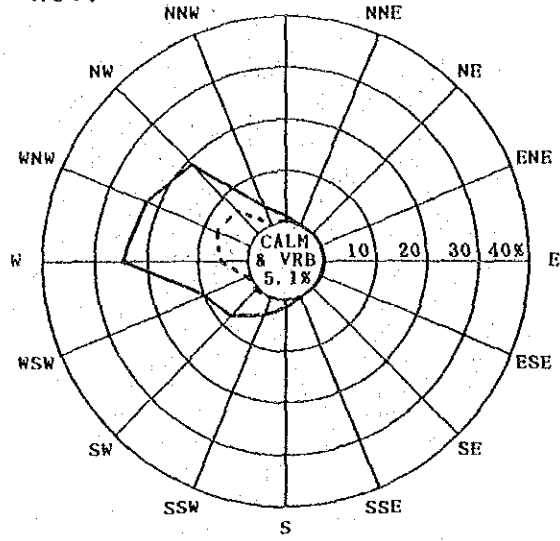
———— ALL DATA
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WIND ROSE

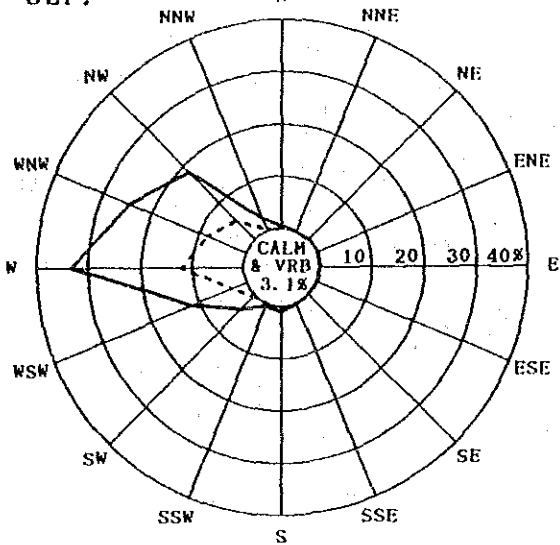
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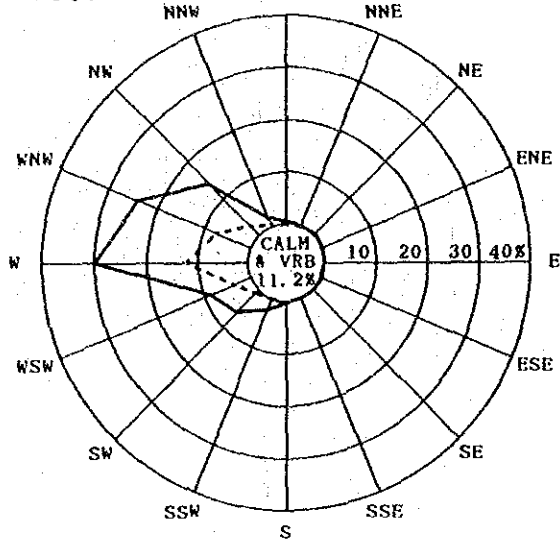
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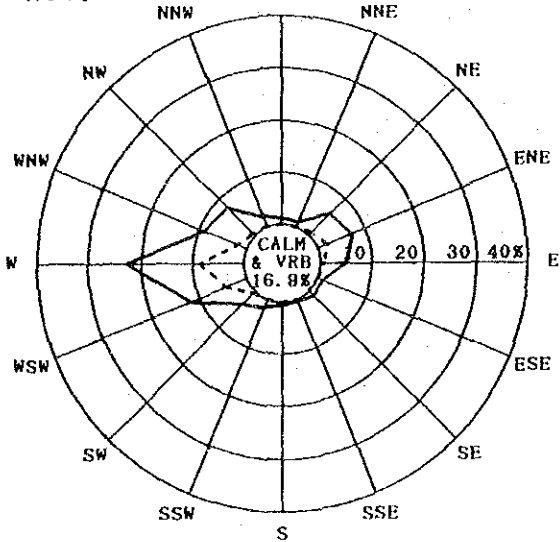
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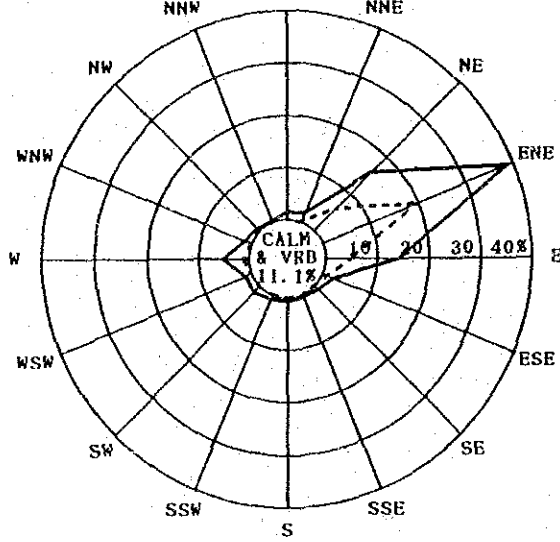
OCT.



NOV.



DEC.



DEPARTMENT OF METEOROLOGY MALÉ
JAN. 1986 - DEC. 1990

— ALL DATA
- - - ≥ 15 kt

WIND ROSE

FREQUENCY OF WIND SPEED AND WIND DIRECTION

DEPARTMENT OF METEOROLOGY MALE

YEAR (JAN. 1986 - DEC. 1990)

DRECT SPEED	NNE	N E	ENE	E	ESE	S E	SSE	S	SSW	S W	WSW	W	WNW	N W	NNW	N	CALM	VRB	TOTAL
~ 4	29	53	30	25	9	10	12	24	47	74	61	96	97	80	47	46	910	345	1995
	0.20	0.36	0.21	0.17	0.06	0.07	0.08	0.16	0.32	0.51	0.42	0.66	0.66	0.55	0.32	0.31	6.23	2.36	13.66
5 ~ 9	161	405	352	189	50	50	29	72	138	307	393	691	488	494	185	133	-	254	4341
	1.10	2.77	2.41	1.29	0.34	0.34	0.20	0.48	0.94	2.10	2.69	4.73	3.34	2.87	1.34	0.91	-	1.74	28.72
10 ~ 14	97	629	658	182	35	20	10	26	89	238	487	1076	743	513	91	54	-	8	4956
	0.66	4.31	4.51	1.25	0.24	0.14	0.07	0.18	0.61	1.63	3.33	7.37	5.09	3.51	0.62	0.37	-	0.05	33.93
15 ~ 19	12	235	400	81	15	5	2	11	12	51	130	572	433	258	18	2	-	-	2298
	0.08	1.61	2.74	0.55	0.10	0.03	0.01	0.08	0.08	0.35	1.30	3.92	2.96	1.77	0.13	0.01	-	-	15.73
20 ~ 29	2	42	123	38	4	1	1	-	7	7	87	289	219	127	7	2	-	-	956
	0.01	0.29	0.84	0.26	0.03	0.01	0.01	-	0.05	0.05	0.60	1.98	1.50	0.87	0.05	0.01	-	-	6.55
30 ~ 39	-	0.01	0.01	0.03	0.01	-	-	-	1	1	-	17	19	10	1	-	-	-	68
	-	-	-	-	-	-	-	-	0.01	0.01	-	0.12	0.13	0.07	0.01	-	-	-	0.40
40 ~ kt	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1
	-	-	-	-	-	-	-	-	-	-	-	-	0.01	-	-	-	-	-	0.01
TOTAL	301	1365	1565	519	115	86	54	133	294	678	1218	2741	2000	1422	360	237	910	607	14605
	2.06	8.35	10.72	3.55	0.79	0.59	0.37	0.91	2.01	4.64	8.34	18.77	13.69	9.74	2.46	1.62	6.23	4.16	100.00

NUMBER OF OBTAINED DATA 14605 (100.0 %)
 NUMBER OF NOT OBTAINED 3

UPPER : NUMBER OF TIMES
 LOWER : (%)

FREQUENCY OF WIND SPEED AND WIND DIRECTION

DEPARTMENT OF METEOROLOGY MALE

JAN. (JAN. 1986 - DEC. 1990)

DRECT SPEED	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	N	CALM	VRB	TOTAL
~ 4	4	11	12	4	3	-	-	1	0.08	1	0.08	4	3	4	11	8	18	9	84
5 ~ 9	36	90	73	24	4	4	1	1	0.08	1	0.08	3	0.24	0.32	0.89	0.65	1.53	0.73	7.58
10 ~ 14	39	216	198	52	5	0.32	0.08	-	0.08	0.08	0.08	3	0.73	0.24	1.21	2.50	-	1.29	25.08
15 ~ 19	6	107	124	18	1	-	-	-	-	-	-	-	0.24	0.16	0.40	0.73	-	0.08	42.74
20 ~ 29	1	18	18	7	1	0.08	-	0.08	-	-	-	-	-	0.16	-	-	-	-	20.97
30 ~ 39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.63
40 ~ kt	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	86	442	425	105	14	5	1	2	0.16	0.08	0.16	7	15	11	31	48	19	26	1240

NUMBER OF OBTAINED DATA 1240 (100.0 %)
 NUMBER OF NOT OBTAINED 0

UPPER : NUMBER OF TIMES
 LOWER : (%)

FEB. (JAN. 1986 - DEC. 1990)

DRECT SPEED	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	N	CALM	VRB	TOTAL
~ 4	5	12	6	5	1	4	-	-	0.09	1	-	1	-	4	2	3	28	30	102
5 ~ 9	44	152	110	27	6	1	1	1	0.09	1	0.09	2	9	5	15	31	-	28	432
10 ~ 14	28	187	189	18	4	2	1	-	-	-	-	1	2	1	5	10	-	2.48	38.30
15 ~ 19	1	33	82	10	-	0.09	-	-	-	-	-	0.09	0.18	0.09	0.44	0.89	-	-	39.72
20 ~ 29	0.09	2.93	7.27	0.89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.17
30 ~ 39	-	0.27	1.24	0.18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.68
40 ~ kt	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.09
TOTAL	78	387	401	62	12	7	2	1	0.09	0.09	-	4	11	10	22	44	28	58	1128

NUMBER OF OBTAINED DATA 1128 (100.0 %)
 NUMBER OF NOT OBTAINED 0

UPPER : NUMBER OF TIMES
 LOWER : (%)

FREQUENCY OF WIND SPEED AND WIND DIRECTION

DEPARTMENT OF METEOROLOGY MALE

MAR. (JAN. 1986 - DEC. 1990)

DRECT SPEED	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	N	CALM	VRB	TOTAL
~ 4	10	19	4	3	3	0.24	0.24	1	1	5	2	7	4	10	11	11	146	55	305
	0.81	1.53	0.32	0.24	0.24	0.16	0.16	0.08	0.08	0.40	0.16	0.56	0.32	0.81	0.89	0.89	11.77	5.24	24.60
5 ~ 9	50	101	61	58	18	6	6	8	6	12	7	19	30	55	47	31	-	40	576
	4.03	8.15	4.92	4.76	1.28	1.43	0.48	0.65	0.48	0.97	0.56	1.53	2.42	5.24	3.79	2.50	-	3.23	49.45
10 ~ 14	16	34	61	20	3	2	1	3	-	2	3	12	10	31	11	14	-	2	291
	1.29	7.58	4.92	1.61	0.73	0.16	0.08	0.24	-	0.16	0.24	0.97	0.81	2.50	0.89	1.13	-	0.16	23.47
15 ~ 19	1	25	10	7	1	2	1	1	1	1	1	1	3	-	-	-	-	-	52
	0.08	2.02	0.81	0.56	0.08	0.16	-	-	0.08	0.08	0.08	-	0.24	-	-	-	-	-	4.19
20 ~ 29	1	3	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16
	0.08	0.24	0.40	0.40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.23
30 ~ 39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40 ~ kt	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	78	242	141	94	29	23	10	12	8	20	14	38	47	106	89	56	146	107	1240
	6.29	19.52	11.37	7.58	2.34	1.85	0.81	0.97	0.65	1.61	1.13	3.06	3.79	8.55	5.56	4.52	11.77	8.63	100.00

NUMBER OF OBTAINED DATA 1240 (100.0 %)
 NUMBER OF NOT OBTAINED 0

UPPER : NUMBER OF TIMES
 LOWER : (%)

APR. (JAN. 1986 - DEC. 1990)

DRECT SPEED	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	N	CALM	VRB	TOTAL
~ 4	5	3	1	2	2	0.17	-	2	10	14	3	12	22	15	7	7	199	80	384
	0.42	0.25	0.08	0.17	-	0.17	-	0.17	0.83	1.17	0.25	1.00	1.83	1.25	0.58	0.58	16.58	6.67	32.00
5 ~ 9	11	8	13	14	8	10	8	6	22	24	32	94	87	71	24	3	-	46	491
	0.92	0.67	1.08	1.17	0.67	0.83	0.67	0.50	1.83	2.00	2.67	7.83	8.08	5.92	2.00	0.23	-	3.83	40.92
10 ~ 14	3	8	6	2	1	6	1	4	10	7	18	36	61	62	6	2	-	2	233
	0.25	0.67	0.50	0.17	0.08	0.50	0.08	0.33	0.83	0.58	1.33	3.00	5.08	5.17	0.50	0.17	-	0.17	18.42
15 ~ 19	-	-	1	1	2	2	1	3	1	3	5	6	30	16	1	-	-	-	72
	-	-	0.08	0.08	0.17	0.17	0.08	0.25	0.08	0.25	0.42	0.50	2.50	1.33	0.08	-	-	-	6.00
20 ~ 29	-	0.08	-	-	-	-	-	-	-	-	0.08	0.25	0.50	0.57	-	-	-	-	20
	-	0.08	-	-	-	-	-	-	-	-	0.08	0.25	0.50	0.57	-	-	-	-	1.67
30 ~ 39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40 ~ kt	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	19	20	21	19	11	20	11	15	43	48	57	151	216	172	38	12	199	128	1200
	1.58	1.67	1.75	1.58	0.82	1.67	0.92	1.25	3.58	4.00	4.75	12.58	18.00	14.33	3.17	1.00	16.58	10.67	100.00

NUMBER OF OBTAINED DATA 1200 (100.0 %)
 NUMBER OF NOT OBTAINED 0

UPPER : NUMBER OF TIMES
 LOWER : (%)

FREQUENCY OF WIND SPEED AND WIND DIRECTION

DEPARTMENT OF METEOROLOGY MALE

MAY (JAN. 1986 - DEC. 1990)

DRECT SPEED	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	MNW	NW	NNW	N	CALM	VRB	TOTAL
~ 4	0.08	-	-	-	-	-	3	0.24	0.73	10	0.81	12	0.97	0.73	-	-	5.56	1.45	153
5 ~ 9	-	-	0.08	1	0.16	0.08	6	0.81	0.73	42	5.16	6.85	1.85	2.02	0.48	0.16	-	0.65	22.50
10 ~ 14	-	-	-	-	-	-	2	0.16	0.89	32	10.2	14.6	8.23	1.94	0.40	0.16	-	0.16	31.53
15 ~ 19	-	-	-	-	-	-	3	0.16	0.24	9	3.47	8.79	4.52	0.97	-	-	-	-	18.87
20 ~ 29	-	-	0.08	1	-	-	4	-	0.32	2	1.21	8.8	4.44	0.32	-	-	-	-	13.63
30 ~ 39	-	-	-	-	-	-	-	-	-	-	-	4	0.32	0.08	-	-	-	-	0.73
40 ~ kt	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	0.08	-	0.08	0.08	0.16	0.08	9	1.85	2.34	7.66	18.71	35.81	17.34	6.05	0.89	0.32	5.56	2.26	109.00

NUMBER OF OBTAINED DATA 1240 (100.0 %)

NUMBER OF NOT OBTAINED 0

UPPER : NUMBER OF TIMES

LOWER : (%)

JUN. (JAN. 1986 - DEC. 1990)

DRECT SPEED	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	MNW	NW	NNW	N	CALM	VRB	TOTAL
~ 4	-	-	-	-	-	-	-	-	2	9	1.00	6	0.17	-	-	-	0.75	0.50	46
5 ~ 9	-	-	-	-	-	-	2	0.17	1.75	60	6.75	79	1.92	0.50	0.42	-	-	0.50	283
10 ~ 14	-	-	-	-	-	-	1	0.08	1.08	72	115	199	8.25	1.17	0.17	0.08	-	0.08	517
15 ~ 19	-	-	-	-	-	-	3	-	0.25	4	3.3	84	6.50	0.67	-	-	-	-	210
20 ~ 29	-	-	-	-	-	-	3	-	0.25	2	4	50	4.00	1.50	0.08	-	-	-	126
30 ~ 39	-	-	-	-	-	-	1	-	0.08	1	2	10	0.83	0.25	-	-	-	-	17
40 ~ kt	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	3	0.25	3.58	12.33	20.42	35.00	21.75	4.08	0.67	0.08	0.75	1.08	100.00

NUMBER OF OBTAINED DATA 1200 (100.0 %)

NUMBER OF NOT OBTAINED 0

UPPER : NUMBER OF TIMES

LOWER : (%)

FREQUENCY OF WIND SPEED AND WIND DIRECTION

DEPARTMENT OF METEOROLOGY MALE

JUL. (JAN. 1986 - DEC. 1990)

DRECT SPEED	NNE	N E	ENE	E	ESE	S E	SSE	S	SSW	S W	WSW	W	WNW	N W	NNW	N	CALM	VRB	TOTAL
~ 4	-	0.08	-	-	-	-	1	5	11	12	15	18	8	10	5	2	56	33	177
5 ~ 9	-	-	1	-	1	1	0.08	18	27	43	57	89	52	33	10	4	4.52	2.66	14.27
10 ~ 14	-	-	0.08	-	0.08	0.08	-	1.45	2.18	3.47	4.60	7.18	4.19	2.66	0.81	0.32	-	1.45	354
15 ~ 19	-	-	-	-	-	-	-	-	1.13	2.26	3.95	8.47	8.23	5.53	1.05	0.24	-	-	285
20 ~ 29	-	-	-	-	-	-	-	-	-	0.40	1.53	3.15	4.11	7.56	0.81	-	-	-	31.85
30 ~ 39	-	-	-	-	-	-	-	-	-	-	0.56	0.81	1.85	3.87	-	-	-	-	219
40 ~ kt	-	-	-	-	-	-	-	-	-	-	-	0.24	0.08	0.24	-	-	-	-	17.66
TOTAL	-	0.08	0.08	-	0.08	0.08	1	23	52	88	147	264	237	270	38	0.73	4.52	4.11	1240

NUMBER OF OBTAINED DATA 1240 (100.0 %)
 NUMBER OF NOT OBTAINED 0

UPPER : NUMBER OF TIMES
 LOWER : (%)

AUG. (JAN. 1986 - DEC. 1990)

DRECT SPEED	NNE	N E	ENE	E	ESE	S E	SSE	S	SSW	S W	WSW	W	WNW	N W	NNW	N	CALM	VRB	TOTAL
~ 4	-	-	-	-	-	-	2	1	8	7	4	13	9	3	1	-	44	13	105
5 ~ 9	-	-	0.08	-	-	0.08	0.16	12	18	40	54	74	70	57	29	10	3.56	1.05	8.49
10 ~ 14	-	-	-	-	-	0.08	0.16	0.97	1.54	3.23	4.37	5.98	5.66	4.51	2.34	0.81	-	0.49	30.32
15 ~ 19	-	-	-	-	-	-	-	6	18	40	52	152	108	98	14	2	-	-	491
20 ~ 29	-	-	-	-	-	-	-	3	1	6	9	51	59	48	4	1	-	-	182
30 ~ 39	-	-	-	-	-	-	-	0.24	0.08	0.48	0.73	4.12	4.77	3.88	0.32	0.08	-	-	14.71
40 ~ kt	-	-	-	-	-	-	-	-	-	0.16	0.08	1.21	2.43	2.02	0.16	0.16	-	-	6.22
TOTAL	-	-	0.08	-	-	0.08	0.32	1.78	3.80	7.68	9.70	24.74	22.47	18.92	4.12	1.21	3.56	1.54	100.00

NUMBER OF OBTAINED DATA 1287 (99.8 %)
 NUMBER OF NOT OBTAINED 3

UPPER : NUMBER OF TIMES
 LOWER : (%)

FREQUENCY OF WIND SPEED AND WIND DIRECTION

DEPARTMENT OF METEOROLOGY MALE

SEP. (JAN. 1986 - DEC. 1990)

DRECT SPEED	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	N	CALM	VRB	TOTAL
~ 4	-	-	1	-	-	-	1	-	5	3	4	14	7	14	-	1	25	4	66
5 ~ 9	-	-	0.08	-	-	-	0.08	6	22	34	86	58	54	13	13	0.08	2.08	0.33	5.50
10 ~ 14	-	-	-	-	-	-	0.08	7	14	64	164	128	96	17	17	0.08	-	0.67	23.83
15 ~ 19	-	-	-	-	-	-	0.58	0.58	1.17	5.33	13.67	10.50	8.00	1.42	2	0.25	-	-	41.33
20 ~ 29	-	-	-	-	-	-	-	-	0.33	2.00	9.08	5.33	4.17	0.17	-	-	-	-	21.08
30 ~ 39	-	-	-	-	-	-	-	-	-	1.08	3.00	3.00	2.67	1.17	0.08	-	-	-	8.00
40 ~ kt	-	-	-	-	-	-	-	-	-	-	0.08	0.17	-	-	-	-	-	-	0.25
TOTAL	-	-	0.08	-	-	-	0.17	1.08	3.75	11.50	33.33	24.67	18.42	2.75	0.42	2.08	1.00	1.00	100.00

NUMBER OF OBTAINED DATA 1200 (100.0 %)
 NUMBER OF NOT OBTAINED 0

UPPER : NUMBER OF TIMES
 LOWER : (%)

OCT. (JAN. 1986 - DEC. 1990)

DRECT SPEED	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	N	CALM	VRB	TOTAL
~ 4	1	-	-	-	-	-	-	2	4	6	10	15	7	15	4	3	111	19	188
5 ~ 9	0.08	0.40	0.24	0.08	-	-	0.16	0.16	0.32	0.48	0.81	1.21	0.56	0.32	0.24	0.24	8.95	1.53	15.16
10 ~ 14	-	-	-	-	-	-	0.08	0.08	1.29	2.58	7.3	70	5.65	5.24	1.13	0.24	-	0.73	25.40
15 ~ 19	-	-	-	-	-	-	-	-	0.65	1.94	35	136	121	73	5	0.08	-	-	403
20 ~ 29	-	-	-	-	-	-	-	-	0.08	0.88	2.02	8.71	6.05	1.69	0.08	0.08	-	-	19.60
30 ~ 39	-	-	-	-	-	-	-	-	-	1.53	3.23	1.37	0.73	0.24	-	-	-	-	7.10
40 ~ kt	-	-	-	-	-	-	-	-	-	-	0.24	-	-	-	-	-	-	-	0.24
TOTAL	0.16	0.40	0.24	0.08	-	-	0.24	2.34	5.89	8.63	29.84	24.03	14.11	2.18	0.65	8.95	2.26	100.00	

NUMBER OF OBTAINED DATA 1240 (100.0 %)
 NUMBER OF NOT OBTAINED 0

UPPER : NUMBER OF TIMES
 LOWER : (%)

FREQUENCY OF WIND SPEED AND WIND DIRECTION

DEPARTMENT OF METEOROLOGY MALE

NOV. (JAN. 1986 - DEC. 1990)

DRECT SPEED	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	N	CALM	VRB	TOTAL	
~ 4	-	3	1	5	2	1	2	2	4	2	6	7	7	6	7	5	7	107	50	217
		0.25	0.08	0.42	0.17	0.08	0.17	0.17	0.33	0.17	0.50	0.58	0.58	0.50	0.58	0.42	8.92	4.17	18.08	
5 ~ 9	6	20	20	21	3	8	4	4	11	20	36	71	41	48	15	6	-	45	381	
	0.50	1.67	1.67	1.75	0.25	0.67	0.33	0.33	0.92	1.67	3.00	5.92	3.42	4.08	1.25	0.50	-	3.83	31.75	
10 ~ 14	6	35	43	25	9	6	1	1	5	14	46	94	35	28	6	2	-	-	357	
	0.50	2.92	3.58	2.08	0.75	0.50	0.08	0.08	0.42	1.17	3.83	7.83	2.92	2.42	0.50	0.17	-	-	29.75	
15 ~ 19	1	13	19	6	1	1	2	1	2	6	29	56	17	6	1	-	-	-	158	
	0.08	1.08	1.58	0.50	0.08	-	0.08	0.08	0.17	0.50	2.42	4.67	1.42	0.50	0.08	-	-	-	13.17	
20 ~ 29	-	-	4	3	-	-	-	-	-	1	25	43	7	1	-	-	-	-	84	
	-	-	0.33	0.25	-	-	-	-	-	0.08	2.08	3.58	0.58	0.08	-	-	-	-	7.00	
30 ~ 39	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	3	
	-	-	-	-	-	-	-	-	-	-	-	0.25	-	-	-	-	-	-	0.25	
40 ~ kt	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TOTAL	13	71	87	60	15	15	7	8	22	43	142	274	106	92	27	15	107	95	1200	
	1.08	5.92	7.25	5.00	1.25	1.25	0.58	0.67	1.83	3.58	11.83	22.83	8.83	7.67	2.25	1.25	8.92	8.00	100.00	

NUMBER OF OBTAINED DATA 1200 (100.0 %)
 NUMBER OF NOT OBTAINED 0

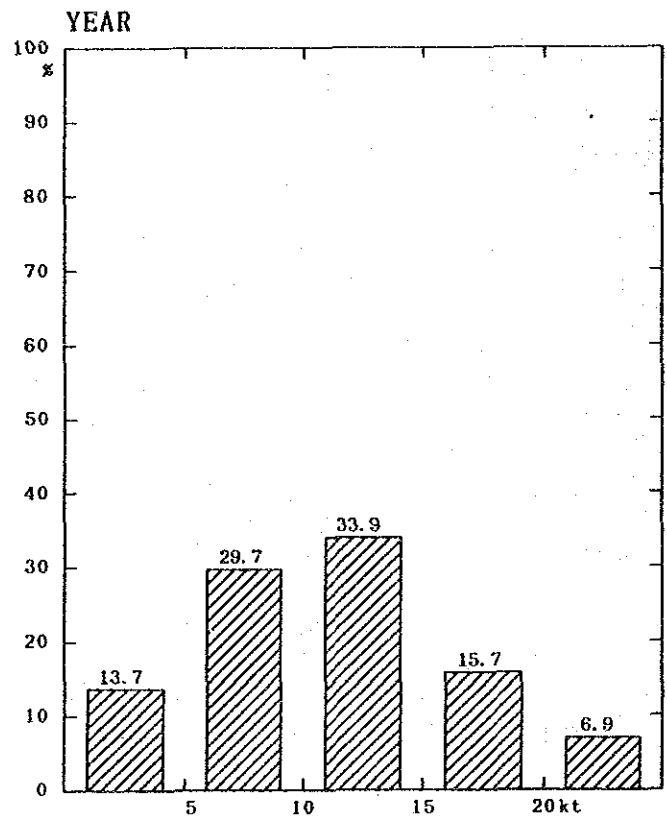
UPPER : NUMBER OF TIMES
 LOWER : (%)

DEC. (JAN. 1986 - DEC. 1990)

DRECT SPEED	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	N	CALM	VRB	TOTAL
~ 4	3	4	5	8	-	3	-	1	3	3	2	2	2	4	1	4	97	18	158
	0.24	0.32	0.40	0.48	-	0.24	-	0.08	0.24	0.24	0.16	0.16	0.16	0.32	0.08	0.32	7.82	1.45	12.74
5 ~ 9	13	29	70	42	10	6	-	4	3	11	6	16	6	1	2	11	-	23	253
	1.05	2.34	5.65	3.39	0.81	0.48	-	0.32	0.24	0.89	0.48	1.29	0.48	0.08	0.16	0.89	-	1.85	20.40
10 ~ 14	5	89	161	65	7	4	6	2	4	5	5	31	11	2	2	5	-	-	404
	0.40	7.18	12.88	5.24	0.56	0.32	0.48	0.16	0.32	0.40	0.40	2.50	0.89	0.16	0.16	0.40	-	-	32.58
15 ~ 19	3	57	164	38	10	1	1	1	1	2	2	10	-	-	-	-	-	-	289
	0.24	4.60	13.23	3.15	0.81	-	0.08	0.08	-	0.16	0.16	0.81	-	-	-	-	-	-	23.31
20 ~ 29	-	17	81	21	3	-	-	-	-	1	1	4	1	-	-	-	-	-	128
	-	1.37	6.53	1.69	0.24	-	-	-	-	0.08	0.08	0.32	0.08	-	-	-	-	-	10.32
30 ~ 39	-	1	2	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8
	-	0.08	0.16	0.32	0.08	-	-	-	-	-	-	-	-	-	-	-	-	-	0.65
40 ~ kt	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	24	187	483	177	31	13	7	8	10	21	16	63	20	7	5	20	97	41	1240
	1.94	15.89	38.95	14.27	2.50	1.05	0.56	0.65	0.81	1.69	1.29	5.08	1.61	0.56	0.40	1.61	7.82	3.31	100.00

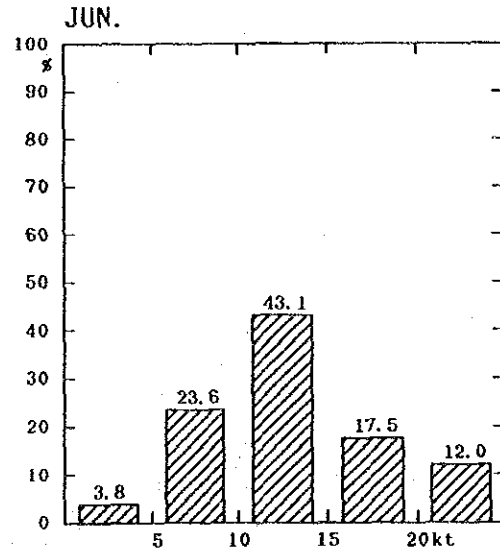
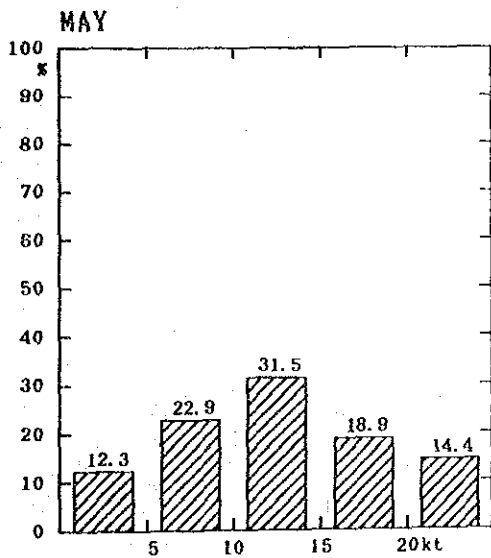
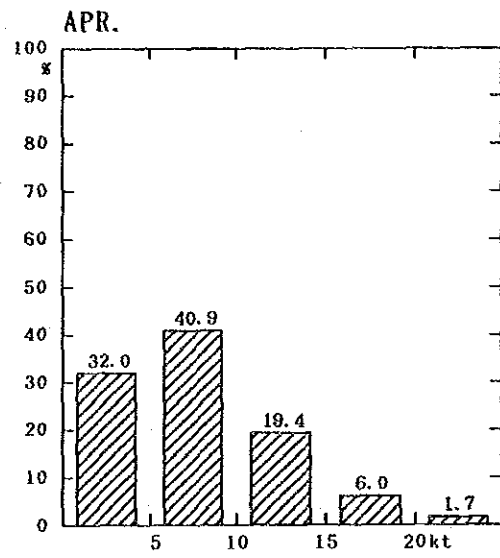
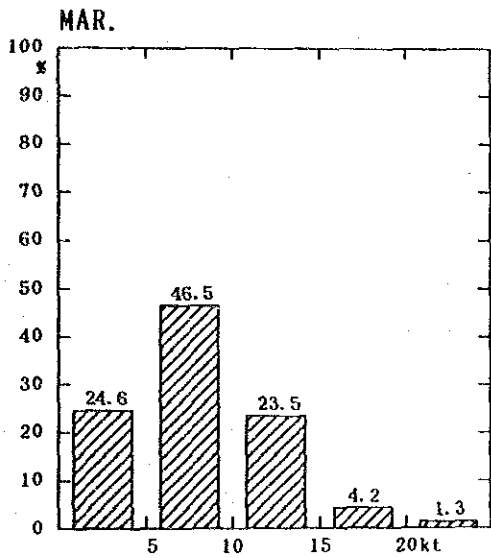
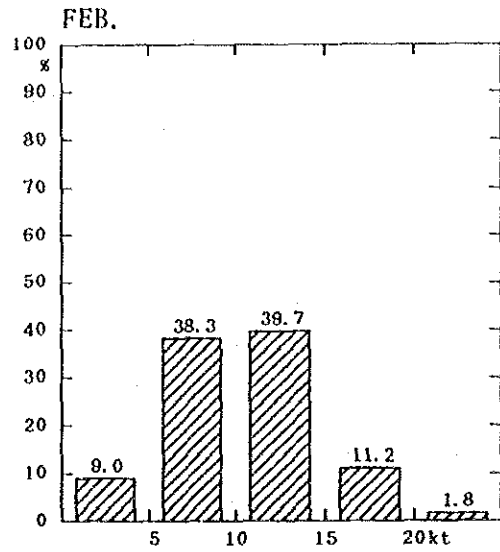
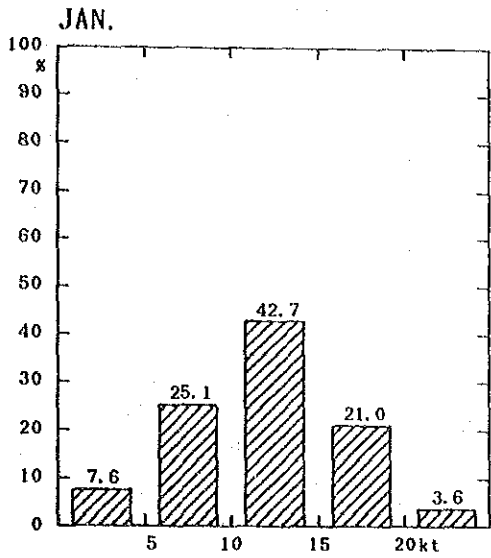
NUMBER OF OBTAINED DATA 1240 (100.0 %)
 NUMBER OF NOT OBTAINED 0

UPPER : NUMBER OF TIMES
 LOWER : (%)



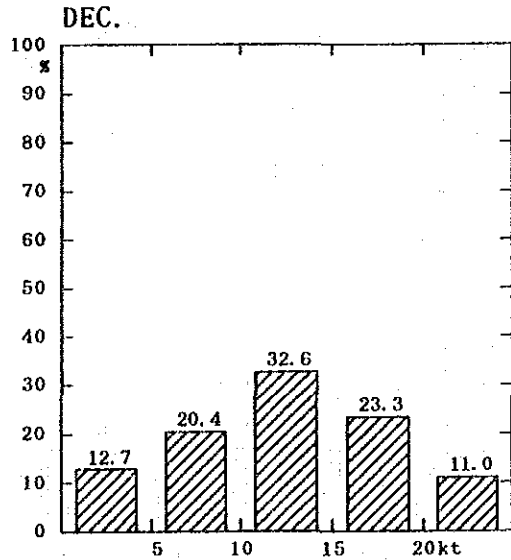
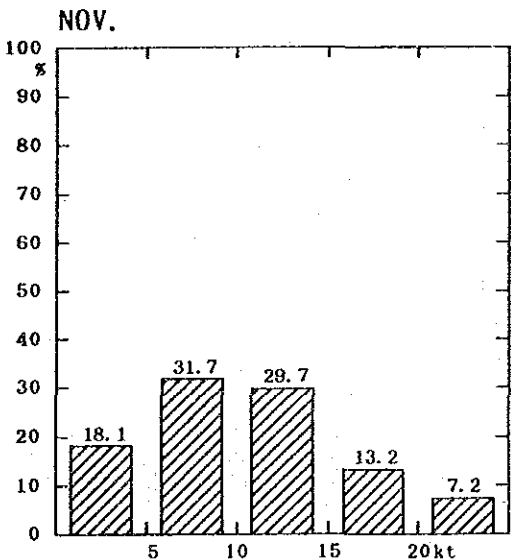
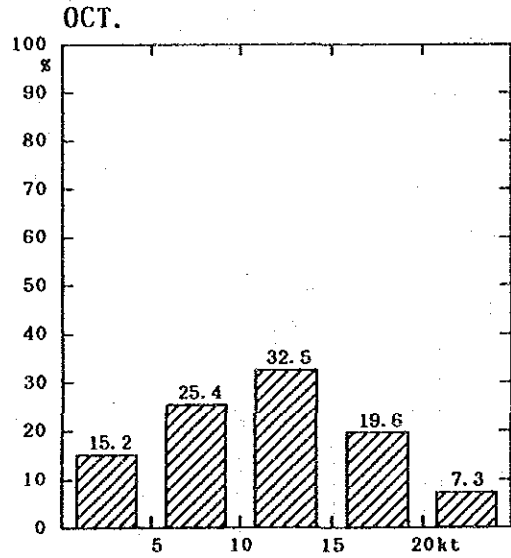
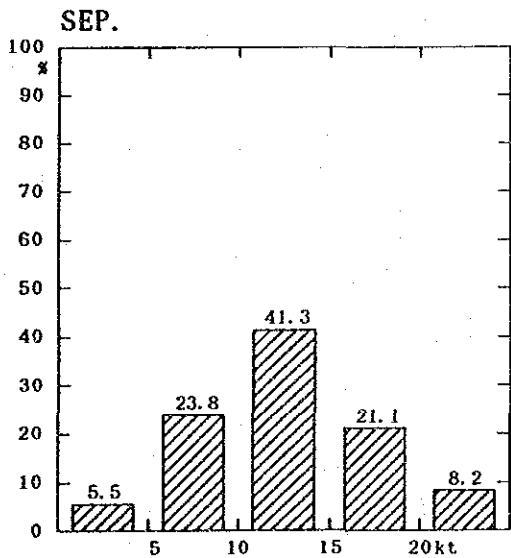
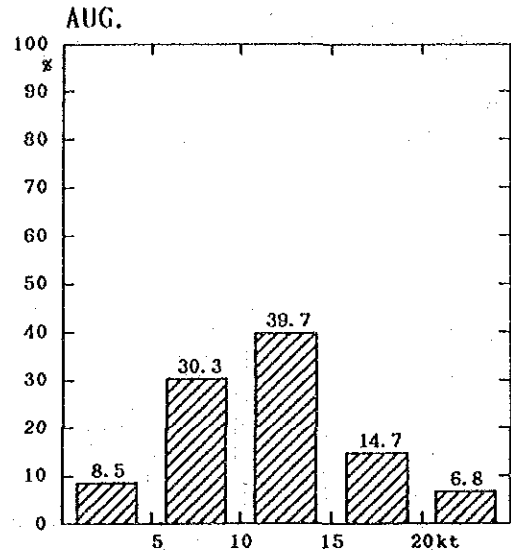
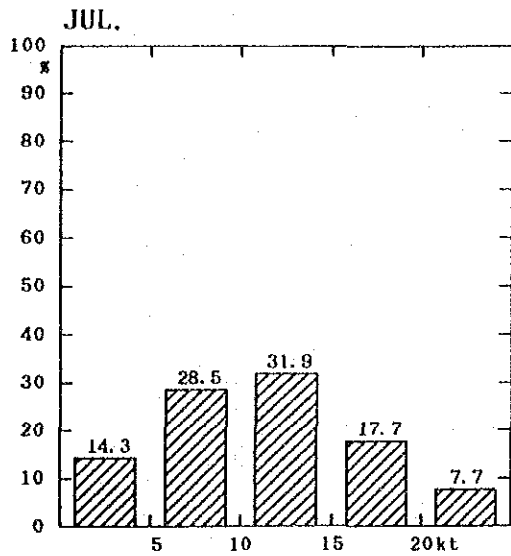
DEPARTMENT OF METEOROLOGY MALE
 JAN. 1986 - DEC. 1990

FREQUENCY OF WIND SPEED



DEPARTMENT OF METEOROLOGY MALE
 JAN. 1986 - DEC. 1990

FREQUENCY OF WIND SPEED



DEPARTMENT OF METEOROLOGY MALE
 JAN. 1986 - DEC. 1990

FREQUENCY OF WIND SPEED

THE NUMBER OF DAYS WITH SPECIFIC STRONG WIND SPEED

MEAN (JAN. 1986 - DEC. 1990)
DEPARTMENT OF METEOROLOGY MALE'

SPEED MONTH	GE. 10kt	GE. 15kt	GE. 20kt	GE. 25kt	GE. 30kt	GE. 40kt	GE. 50kt
JAN.	27.2	17.4	4.2	0.4	-	-	-
FEB.	23.0	9.4	1.6	0.8	0.2	-	-
MAR.	20.6	6.0	1.8	0.4	-	-	-
APR.	17.2	6.6	2.4	-	-	-	-
MAY	26.8	18.6	11.4	4.4	1.0	-	-
JUN.	28.2	18.2	8.8	5.8	2.8	0.2	-
JUL.	23.4	16.0	6.8	2.4	1.0	-	-
AUG.	28.4	17.2	7.6	3.0	1.2	-	-
SEP.	28.6	18.8	9.2	2.8	0.6	-	-
OCT.	26.4	16.6	8.0	2.0	0.4	-	-
NOV.	23.0	13.4	5.8	1.4	0.4	-	-
DEC.	28.2	19.8	10.0	3.0	1.4	-	-
YEAR	301.0	178.0	77.6	26.4	9.0	0.2	-

MEAN WIND SPEED AT EACH TIME

JAN. 1986 - DEC. 1990
DEPARTMENT OF METEOROLOGY MALE'

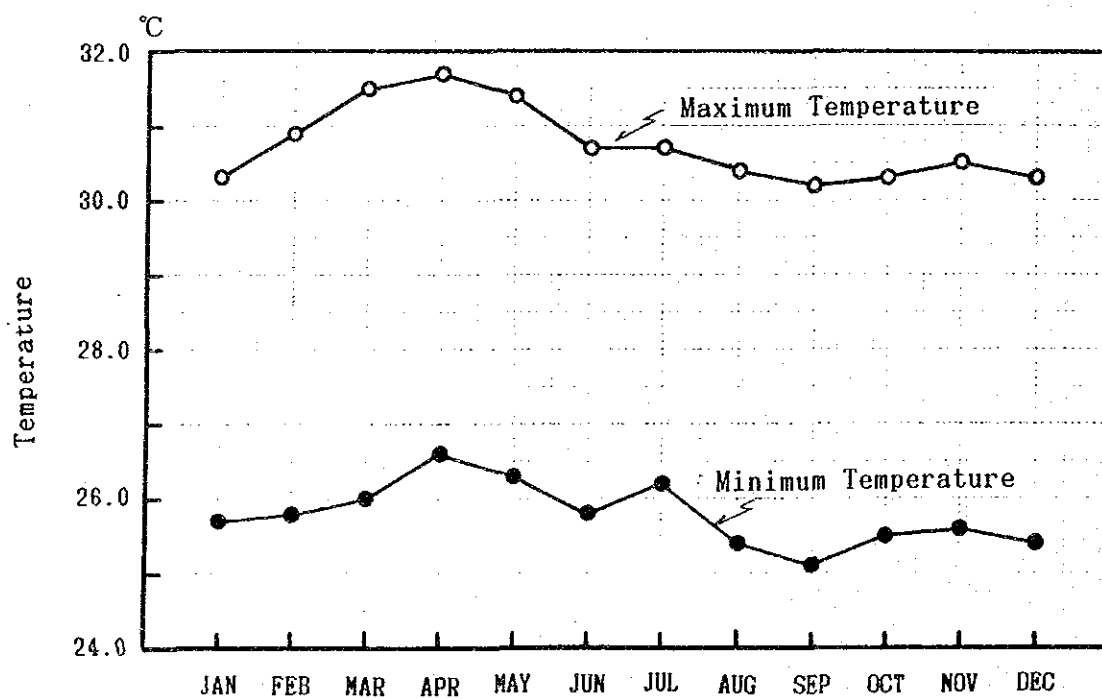
UNIT : kt

TIME MONTH	00h	03h	06h	09h	12h	15h	18h	21h	MONTH
JAN.	10.3	10.8	11.5	11.8	11.4	11.7	11.6	10.9	11.2
FEB.	8.7	9.0	10.2	10.6	10.3	10.0	10.0	9.0	9.7
MAR.	6.5	6.7	7.9	8.2	8.3	7.4	6.7	6.7	7.3
APR.	6.7	6.3	7.5	7.8	7.7	6.7	5.9	6.4	6.9
MAY	11.8	11.3	12.0	12.8	12.7	11.9	11.4	11.9	12.0
JUN.	11.8	12.0	12.3	13.1	13.3	12.6	11.9	12.6	12.5
JUL.	10.4	10.5	10.5	11.2	11.2	10.8	10.0	10.6	10.7
AUG.	10.8	10.7	11.1	12.0	11.4	10.6	10.0	10.9	11.0
SEP.	11.4	11.8	11.7	12.6	12.8	12.1	11.6	12.1	12.0
OCT.	10.5	10.2	10.4	11.4	11.1	10.8	10.4	10.3	10.6
NOV.	9.6	9.5	10.0	10.8	10.1	9.7	9.7	9.1	9.8
DEC.	11.4	11.9	12.2	11.9	11.6	11.5	12.0	11.6	11.8
YEAR	10.0	10.1	10.6	11.2	11.0	10.5	10.1	10.2	10.5

MONTHLY MEAN TEMPERATURE

UNIT: °C

MONTH	1 9 8 6		1 9 8 7		1 9 8 8		1 9 8 9		1 9 9 0		5 YEARS	
	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
JAN	30.3	25.8	30.0	25.2	31.1	26.4	29.9	25.0	30.4	26.1	30.3	25.7
FEB	30.9	25.9	30.9	25.7	31.1	25.7	30.6	25.3	31.0	26.3	30.9	25.8
MAR	30.8	25.6	31.8	26.4	31.9	26.6	31.3	25.1	31.6	26.3	31.5	26.0
APR	31.3	26.8	31.6	26.2	32.0	26.6	31.6	26.2	31.8	27.3	31.7	26.6
MAY	31.0	25.8	32.4	26.6	31.4	26.6	30.5	25.6	31.5	26.9	31.4	26.3
JUN	30.6	26.1	31.3	26.6	30.9	25.9	30.1	24.7	30.8	25.8	30.7	25.8
JUL	30.3	26.0	31.6	26.8	30.9	26.2	30.2	26.2	30.6	25.7	30.7	26.2
AUG	30.0	25.3	30.9	25.2	30.8	25.5	30.0	25.0	30.3	26.0	30.4	25.4
SEP	29.2	24.1	31.0	25.5	30.4	25.4	30.0	25.3	30.2	25.4	30.2	25.1
OCT	30.1	25.5	30.5	25.2	30.8	25.9	30.3	25.3	29.9	25.4	30.3	25.5
NOV	30.7	25.9	30.6	25.7	30.2	24.9	30.5	25.8	30.3	25.6	30.5	25.6
DEC	30.1	25.2	30.7	25.6	30.3	25.3	30.2	26.1	30.0	25.0	30.3	25.4
MEAN	30.4	25.7	31.1	25.9	31.0	25.9	30.4	25.5	30.7	26.0	30.7	25.8

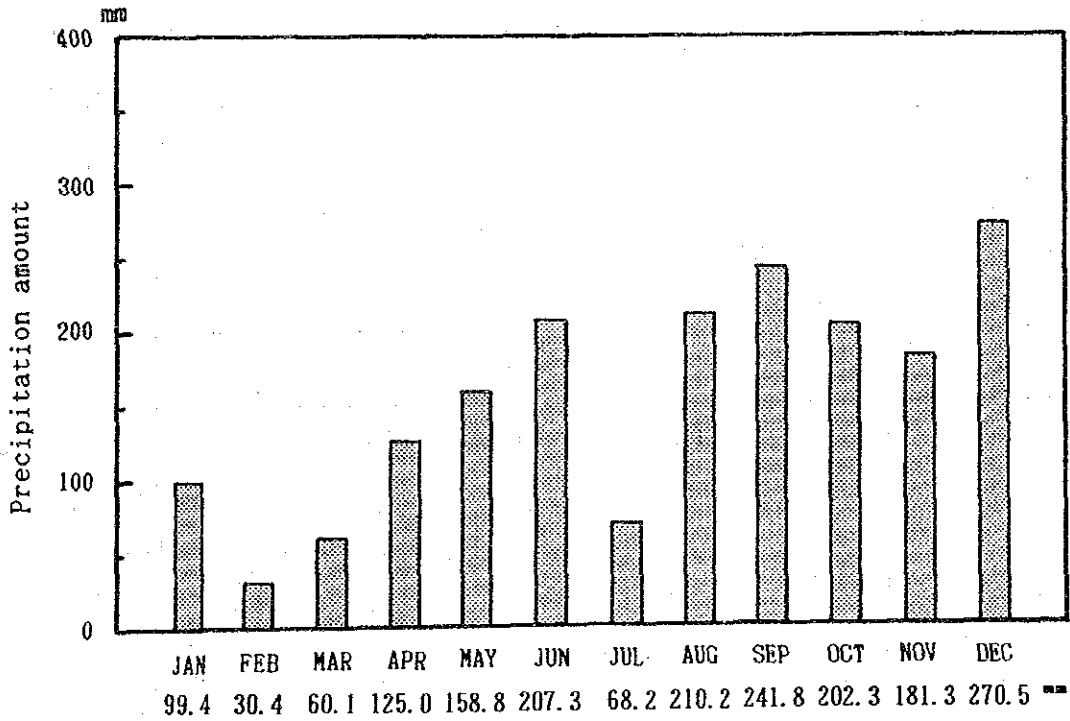


MONTHLY MEAN TEMPERATURE

MONTHLY PRECIPITATION AMOUNT

UNIT: mm

	1986	1987	1988	1989	1990	5 years
JAN	2.6	344.5	1.0	148.4	0.5	99.4
FEB	52.9	2.6	36.1	20.6	39.6	30.4
MAR	117.2	28.5	67.1	Tr.	87.9	60.1
APR	38.4	284.1	123.1	104.8	74.6	125.0
MAY	122.2	163.6	165.7	224.3	118.2	158.8
JUN	64.7	166.2	275.9	330.2	199.3	207.3
JUL	111.6	12.3	100.1	17.1	99.9	68.2
AUG	331.6	152.5	150.9	235.0	181.2	210.2
SEP	326.4	291.7	233.3	173.0	184.6	241.8
OCT	113.5	245.1	90.9	338.4	223.5	202.3
NOV	93.9	231.4	279.1	123.3	178.7	181.3
DEC	420.8	300.5	247.4	153.3	230.5	270.5
YEAR	1795.8	2223.0	1770.6	1868.4	1618.5	1855.3
MEAN	149.7	185.3	147.6	155.7	134.9	154.6



MONTHLY PRECIPITATION AMOUNT

THE NUMBER OF DAYS WITH SPECIFIC PRECIPITATION

1 9 8 6

UNIT : day

MONTH	≥ 0mm	≥ 1mm	≥ 5mm	≥ 10mm	≥ 20mm	≥ 30mm	≥ 50mm	≥ 100mm
JAN	9	1						
FEB	7	3	1	1	1	1		
MAR	22	9	5	4	2	2		
APR	12	7	4	1				
MAY	26	16	10	4	1			
JUN	21	10	6	2				
JUL	17	10	6	3	1	1	1	
AUG	19	15	9	7	5	4	3	
SEP	30	25	19	12	5	3	1	
OCT	15	13	6	3	1			
NOV	10	8	3	3	2	1		
DEC	26	14	12	7	5	5	2	1

THE NUMBER OF DAYS WITH SPECIFIC PRECIPITATION

1 9 8 7

UNIT : day

MONTH	≥ 0mm	≥ 1mm	≥ 5mm	≥ 10mm	≥ 20mm	≥ 30mm	≥ 50mm	≥ 100mm
JAN	11	10	8	7	7	5	1	
FEB	1							
MAR	2	2	1	1	1	1		
APR	22	15	12	9	6	4	1	
MAY	15	12	8	7	6	4		
JUN	24	15	10	5	1	1	1	
JUL	9	4	3	1				
AUG	27	18	13	7	3	2		
SEP	20	18	10	6	2	1	1	1
OCT	29	21	15	8	3	2	1	
NOV	18	14	8	5	3	2	1	
DEC	17	12	10	6	5	3	2	1

THE NUMBER OF DAYS WITH SPECIFIC PRECIPITATION

1988

UNIT :day

MONTH	≥ 0mm	≥ 1mm	≥ 5mm	≥ 10mm	≥ 20mm	≥ 30mm	≥ 50mm	≥ 100mm
JAN	2	1						
FEB	10	7	5	3	1			
MAR	14	10	5	3	1			
APR	17	12	8	4	3	1		
MAY	28	17	10	4	1			
JUN	23	14	12	8	4	2	1	
JUL	20	15	6	5	4	2		
AUG	25	16	9	6	3	1		
SEP	28	18	10	7	3	1		
OCT	9	6	2	2	2	2	1	
NOV	17	13	10	8	7	3	2	
DEC	20	10	9	5	5	3	1	

THE NUMBER OF DAYS WITH SPECIFIC PRECIPITATION

1989

UNIT :day

MONTH	≥ 0mm	≥ 1mm	≥ 5mm	≥ 10mm	≥ 20mm	≥ 30mm	≥ 50mm	≥ 100mm
JAN	17	10	6	5	2	2		
FEB	4	2	2	1				
MAR	2							
APR	14	10	7	4	2			
MAY	21	18	12	6	3	3	1	
JUN	24	17	13	8	7	4	1	
JUL	16	7	3					
AUG	23	18	15	6	5	3	2	
SEP	20	14	11	5	5	1	1	
OCT	24	18	12	8	6	5	1	
NOV	23	10	3	2	1			
DEC	11	7	4	4	4	2	2	1

THE NUMBER OF DAYS WITH SPECIFIC PRECIPITATION

1990

UNIT :day

MONTH	≥ 0mm	≥ 1mm	≥ 5mm	≥ 10mm	≥ 20mm	≥ 30mm	≥ 50mm	≥ 100mm
JAN	6	1						
FEB	7	2	1	1	1			
MAR	16	8	6	2	1			
APR	15	8	6	5				
MAY	21	12	9	3	2	1		
JUN	19	15	9	6	1			
JUL	14	9	7	5	2	1		
AUG	18	9	7	5	2	1		
SEP	17	17	7	7	4	1		
OCT	22	18	10	8	3	2	1	
NOV	16	10	8	8	5	3	3	1
DEC	21	18	11	8	5	2	2	

THE NUMBER OF DAYS WITH SPECIFIC PRECIPITATION

5 YEARS MEAN

UNIT :day

MONTH	≥ 0mm	≥ 1mm	≥ 5mm	≥ 10mm	≥ 20mm	≥ 30mm	≥ 50mm	≥ 100mm
JAN	9.0	4.6	2.8	2.4	1.8	1.4		
FEB	5.8	2.8	1.8	1.2	0.6	0.2		
MAR	11.2	5.8	3.4	2.0	1.0	0.6		
APR	16.0	10.4	7.4	4.6	2.2	1.0	0.2	
MAY	22.2	15.0	9.8	4.8	2.6	1.6	0.2	
JUN	22.2	14.2	10.0	5.8	2.6	1.6	0.6	
JUL	15.2	9.0	5.0	2.8	1.4	0.8	0.2	
AUG	22.4	15.2	10.6	6.2	3.6	2.2	1.0	
SEP	23.0	18.4	11.4	7.4	3.8	1.4	0.6	0.2
OCT	19.8	15.2	9.0	5.8	3.0	2.2	0.8	
NOV	16.8	11.0	6.4	5.2	3.6	1.8	1.2	0.2
DEC	19.0	12.2	9.2	6.0	4.8	3.0	1.8	0.6

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