

## 2. Oceanographic Observation Data

Oceanographic data were collected at the sites of Kuta, Sanier and Nusa Dua. The locations of the oceanographic observation are shown in following figures.



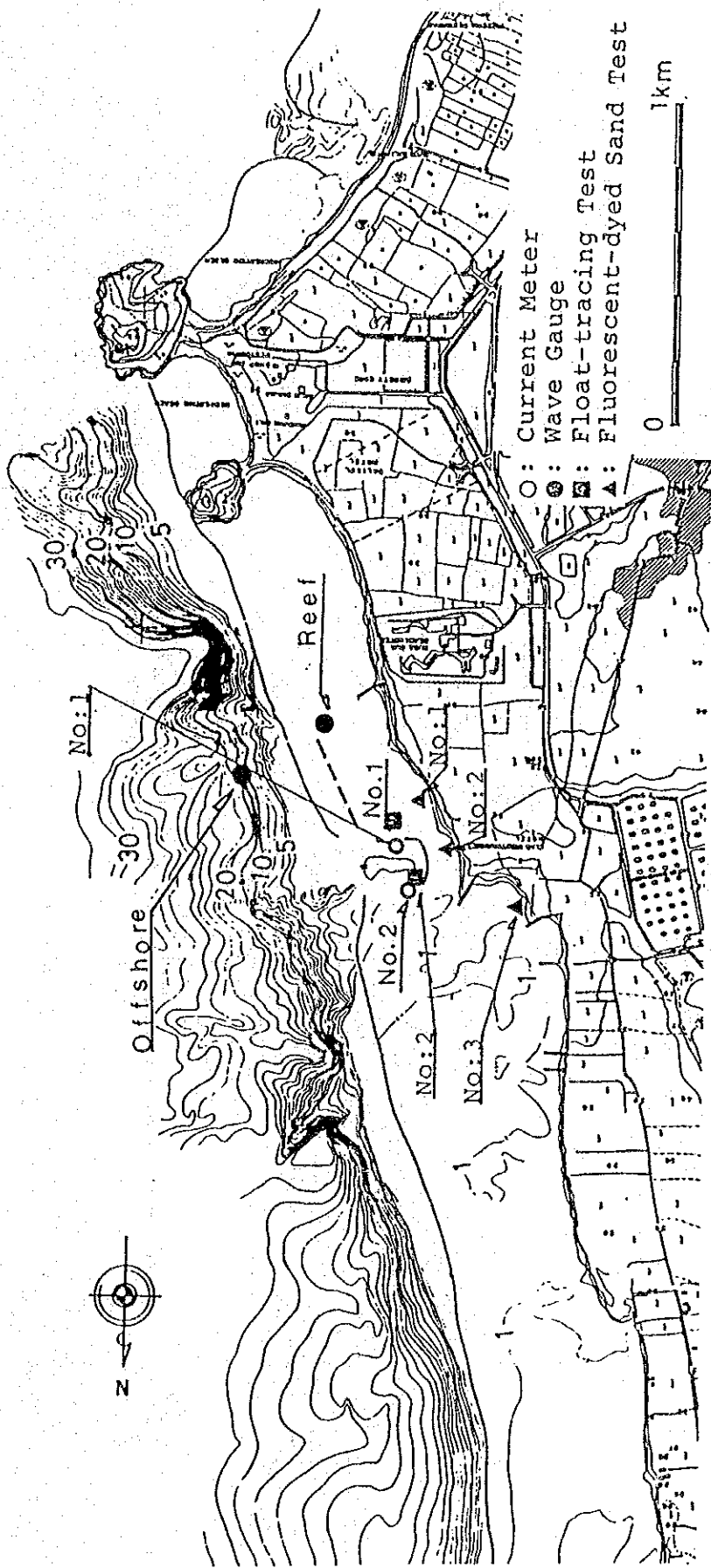


Fig. 2-3-4 Location of the Marine Observations (Nusa Dua)

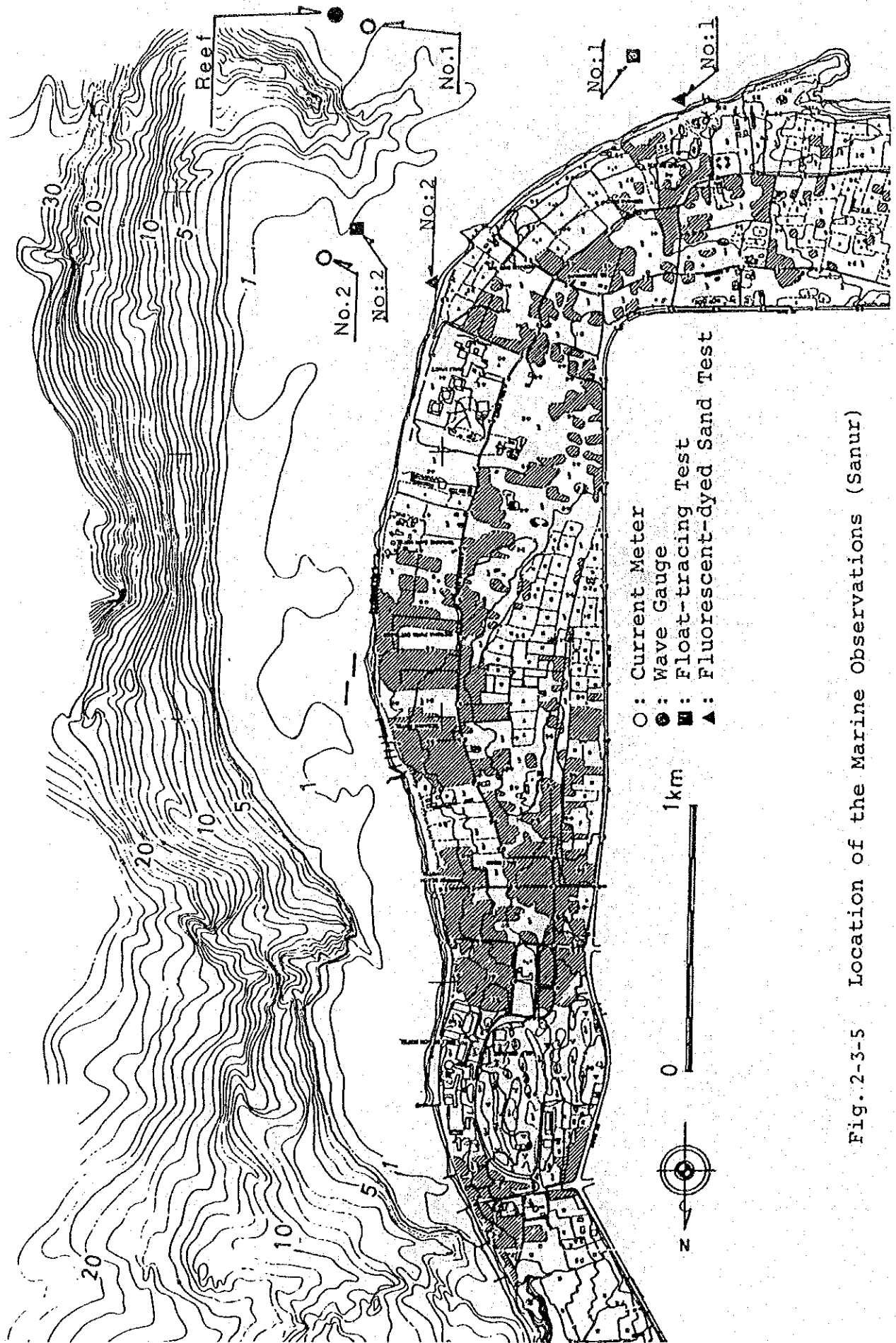


Fig. 2-3-5 Location of the Marine Observations (Sanur)

2-1 Wave Data



Table Frequency of Wave Height and Period (Kuta off shore) 1988 6/6 12:00 >> 1988 5/20 14:00

H(m)/T(s)	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	22.0	TOTAL	(%)	
0.0	0	0	0	0	4	6	7	10	8	11	8	8	6	7	3	3	3	2	3	0	0	2	94	1.6
0.2	0	1	0	13	33	55	54	55	61	64	56	52	60	49	40	25	19	24	18	11	8	708	12.0	
0.4	0	2	4	9	17	22	22	26	36	87	109	113	112	109	117	76	52	35	32	7	8	1065	18.0	
0.6	0	0	6	5	5	12	20	12	25	83	149	166	120	111	92	61	33	16	16	4	10	1033	17.3	
0.8	0	0	1	0	1	2	6	12	25	57	120	146	116	80	56	52	27	19	14	5	9	748	12.7	
1.0	0	0	2	0	0	0	0	4	18	48	81	123	119	75	51	41	21	11	5	7	5	611	10.3	
1.2	0	0	0	0	0	0	0	0	3	28	54	73	105	74	52	34	7	13	3	2	3	451	7.6	
1.4	0	0	0	0	0	0	0	0	1	10	22	71	72	64	44	30	7	3	3	1	1	331	5.6	
1.6	0	0	0	0	0	0	0	0	0	2	6	43	60	54	35	22	4	3	1	1	2	235	4.0	
1.8	0	0	0	0	0	0	0	0	2	0	6	25	37	43	28	19	8	3	0	0	2	173	2.9	
2.0	0	0	0	0	0	0	0	0	0	0	2	8	22	30	22	11	3	1	2	0	0	101	1.7	
2.2	0	0	0	0	0	0	0	0	0	0	2	6	21	23	13	11	0	0	2	1	0	79	1.3	
2.4	0	0	0	0	0	0	0	0	0	0	0	2	19	19	25	8	3	0	1	0	0	77	1.3	
2.6	0	0	0	0	0	0	0	0	0	0	0	0	4	12	13	6	4	0	0	0	0	39	0.7	
2.8	0	0	0	0	0	0	0	0	0	0	0	0	2	5	14	13	5	1	0	0	0	40	0.7	
3.0	0	0	0	0	0	0	0	0	2	2	4	1	2	8	9	5	2	1	0	0	0	36	0.6	
3.2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	2	0	0	0	0	0	11	0.2	
3.4	0	0	0	0	0	0	0	0	0	1	1	1	1	4	0	0	2	0	0	0	0	10	0.2	
3.6	0	0	0	0	0	0	0	1	0	3	4	1	1	1	0	1	0	0	0	0	0	12	0.2	
3.8	0	0	0	0	0	0	0	0	1	0	3	0	0	0	0	0	0	0	0	0	0	4	0.1	
4.0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0.0	
4.2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0.0	
4.4	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0.0	
4.6	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	0.0	
4.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
5.2	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0.0	
5.4	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.0	
5.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.0	
5.8	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.0	
6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.0	
6.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.0	
6.4	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
6.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
6.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
7.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
7.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
7.4	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.0	
7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
7.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
8.2	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.0	
8.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
8.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
8.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
9.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
9.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
9.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
9.6	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.0	
9.8	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.0	
10.0	0	0	23	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40	0.7	
TOTAL	0	3	36	48	66	102	149	182	284	416	634	851	910	783	576	388	179	128	75	40	56	5905	100.0	
(%)	0.0	0.1	0.6	0.8	1.1	1.7	2.5	3.1	4.8	7.0	10.7	14.4	15.4	13.3	9.8	6.6	3.0	2.2	1.3	0.7	0.9	100.0		

Table Wave Calculated Result (Kuta off shore)

	DATE	TIME	DEPTH (N)	MAX	1/10	1/3	MRAN
( 1 )	1988	5/ 6 12: 0	15.31 39	1.24 12.5	1.09 12.3	0.85 13.7	0.61 12.0
( 2 )	1988	5/ 6 14: 0	14.77 42	1.15 11.5	0.97 12.4	0.79 12.4	0.53 11.4
( 3 )	1988	5/ 6 16: 0	13.66 39	1.24 13.0	1.21 13.0	0.99 13.7	0.66 12.3
( 4 )	1988	5/ 6 18: 0	12.85 47	1.07 11.0	0.83 13.5	0.73 12.3	0.51 10.5
( 5 )	1988	5/ 6 20: 0	12.98 45	* 1.31 11.5	0.99 11.0	0.76 11.2	0.49 10.7
( 6 )	1988	5/ 6 22: 0	13.81 37	1.07 14.5	0.94 14.1	0.81 13.8	0.56 13.1
( 7 )	1988	5/ 7 0: 0	14.47 38	0.81 13.5	0.81 11.9	0.70 12.5	0.48 12.7
( 8 )	1988	5/ 7 2: 0	14.41 37	1.08 13.5	1.03 12.4	0.80 12.8	0.65 12.9
( 9 )	1988	5/ 7 4: 0	13.83 40	1.21 11.5	0.95 12.6	0.75 13.3	0.51 12.2
( 10 )	1988	5/ 7 6: 0	13.37 39	1.16 14.0	0.97 13.4	0.77 13.3	0.52 12.3
( 11 )	1988	5/ 7 8: 0	13.65 48	0.71 14.0	0.68 12.7	0.58 12.1	0.41 10.1
( 12 )	1988	5/ 7 10: 0	14.47 38	* 1.38 11.5	1.13 12.6	+ 0.93 12.7	0.65 12.4
( 13 )	1988	5/ 7 12: 0	15.12 38	1.11 12.5	0.90 12.3	0.76 13.2	0.51 12.8
( 14 )	1988	5/ 7 14: 0	14.97 36	1.11 14.0	1.00 11.8	0.74 13.3	0.50 13.4
( 15 )	1988	5/ 7 16: 0	14.08 40	0.95 12.0	0.89 12.8	0.72 13.7	0.52 12.4
( 16 )	1988	5/ 7 18: 0	13.20 39	1.04 12.0	0.96 12.3	0.72 13.8	0.47 12.4
( 17 )	1988	5/ 7 20: 0	12.99 38	0.92 12.5	0.85 12.3	0.72 13.0	0.52 12.7
( 18 )	1988	5/ 7 22: 0	13.55 39	0.81 13.0	0.75 13.0	0.64 13.0	0.43 12.4
( 19 )	1988	5/ 8 0: 0	14.23 43	1.19 12.5	0.87 13.9	0.63 13.8	0.42 11.5
( 20 )	1988	5/ 8 2: 0	14.44 38	1.04 13.0	0.91 13.0	0.67 13.5	0.43 12.5
( 21 )	1988	5/ 8 4: 0	14.05 38	0.97 13.0	0.80 13.4	0.67 13.1	0.46 13.0
( 22 )	1988	5/ 8 6: 0	13.57 36	1.04 13.5	0.83 13.6	0.67 13.3	0.44 13.4
( 23 )	1988	5/ 8 8: 0	13.60 38	0.88 12.5	0.75 13.3	0.64 13.5	0.42 12.7
( 24 )	1988	5/ 8 10: 0	14.17 34	0.93 14.0	0.83 13.3	0.70 13.3	0.43 14.3
( 25 )	1988	5/ 8 12: 0	14.78 39	0.87 13.0	0.75 13.3	0.60 12.9	0.43 12.4
( 26 )	1988	5/ 8 14: 0	14.94 36	0.97 14.0	0.88 14.9	0.68 14.8	0.47 13.8
( 27 )	1988	5/ 8 16: 0	14.42 32	0.85 15.0	0.84 13.5	0.68 15.7	0.48 15.0
( 28 )	1988	5/ 8 18: 0	13.65 34	0.97 16.5	0.95 15.8	0.78 15.4	0.49 14.4
( 29 )	1988	5/ 8 20: 0	13.21 33	0.98 15.5	0.91 16.0	0.76 15.8	0.51 14.9
( 30 )	1988	5/ 8 22: 0	13.39 33	* 1.29 15.0	1.18 16.2	* 0.90 16.1	0.61 14.6
( 31 )	1988	5/ 9 0: 0	13.93 31	1.15 15.5	0.98 15.7	0.83 15.6	0.53 15.7
( 32 )	1988	5/ 9 2: 0	14.30 30	1.50 15.5	1.47 15.3	1.29 15.7	0.85 16.2
( 33 )	1988	5/ 9 4: 0	14.21 30	1.56 15.5	1.50 15.5	1.36 15.7	0.92 15.6
( 34 )	1988	5/ 9 6: 0	13.85 33	1.41 16.0	1.37 15.2	0.93 15.4	0.61 14.7
( 35 )	1988	5/ 9 8: 0	13.68 33	2.02 15.0	1.75 15.3	1.40 15.4	0.92 14.9
( 36 )	1988	5/ 9 10: 0	13.89 32	+ 2.56 15.5	2.26 15.5	1.80 15.3	1.19 15.2
( 37 )	1988	5/ 9 12: 0	14.37 35	1.56 14.5	1.51 14.1	1.37 14.6	0.97 14.0
( 38 )	1988	5/ 9 14: 0	14.71 32	2.32 15.5	2.03 15.5	1.62 15.4	1.01 15.1
( 39 )	1988	5/ 9 16: 0	14.60 33	2.35 14.5	2.19 15.0	* 1.96 14.8	1.31 14.6
( 40 )	1988	5/ 9 18: 0	14.06 35	1.88 15.5	1.69 14.1	1.46 14.3	0.99 13.8
( 41 )	1988	5/ 9 20: 0	13.53 35	2.32 15.0	2.10 15.0	1.76 14.6	1.22 13.7
( 42 )	1988	5/ 9 22: 0	13.38 35	2.06 14.5	1.93 14.1	1.62 14.2	1.19 14.0
( 43 )	1988	5/10 0: 0	13.69 32	1.71 14.0	1.67 14.3	1.53 14.2	1.07 14.8
( 44 )	1988	5/10 2: 0	14.10 33	1.91 14.5	1.89 14.2	1.73 13.9	1.33 14.5
( 45 )	1988	5/10 4: 0	14.31 35	* 2.40 14.5	2.19 14.1	+ 1.76 13.7	1.01 13.6
( 46 )	1988	5/10 6: 0	14.20 37	2.11 14.0	1.78 14.4	1.50 14.2	0.93 12.9
( 47 )	1988	5/10 8: 0	13.94 36	1.63 14.5	1.58 13.9	1.43 14.3	1.01 13.7
( 48 )	1988	5/10 10: 0	13.83 37	1.82 12.5	1.58 13.3	1.28 13.0	0.88 13.0
( 49 )	1988	5/10 12: 0	14.01 35	1.70 12.5	1.50 13.3	1.23 13.2	0.80 13.8
( 50 )	1988	5/10 14: 0	14.36 37	1.85 12.0	1.71 12.5	1.45 13.2	1.04 13.1
( 51 )	1988	5/10 16: 0	14.57 35	1.67 14.5	1.62 13.6	1.36 13.6	0.96 13.7
( 52 )	1988	5/10 18: 0	14.36 37	1.62 13.0	1.47 13.3	1.25 13.0	0.81 13.2
( 53 )	1988	5/10 20: 0	13.90 36	2.23 13.5	1.99 13.6	1.67 13.4	1.10 13.4
( 54 )	1988	5/10 22: 0	13.53 37	1.43 13.0	1.30 12.3	1.10 13.2	0.76 12.9
( 55 )	1988	5/11 0: 0	13.53 36	1.82 14.0	1.61 14.8	1.40 13.4	0.90 13.4
( 56 )	1988	5/11 2: 0	13.87 35	1.79 14.0	1.34 14.3	1.13 13.8	0.78 13.7
( 57 )	1988	5/11 4: 0	14.29 36	1.88 15.0	1.66 14.9	1.37 13.5	0.97 13.6
( 58 )	1988	5/11 6: 0	14.47 34	1.67 13.5	1.43 15.7	1.18 15.8	0.81 14.3
( 59 )	1988	5/11 8: 0	14.27 34	2.83 13.5	1.94 17.2	1.48 16.7	0.99 14.3
( 60 )	1988	5/11 10: 0	13.93 32	1.94 16.0	1.84 16.2	1.50 15.8	1.03 15.0
( 61 )	1988	5/11 12: 0	13.74 32	1.84 15.5	1.66 16.2	1.34 16.5	0.81 15.1
( 62 )	1988	5/11 14: 0	13.90 33	2.13 15.5	1.90 16.2	1.66 15.8	1.09 14.8
( 63 )	1988	5/11 16: 0	14.30 29	2.02 15.0	1.91 15.5	1.71 15.2	1.29 16.7
( 64 )	1988	5/11 18: 0	14.61 29	* 3.01 10.0	2.71 15.5	2.00 16.8	1.39 16.1
( 65 )	1988	5/11 20: 0	14.28 32	2.86 17.0	2.68 16.8	* 2.28 16.0	1.42 15.1
( 66 )	1988	5/11 22: 0	13.79 32	2.46 16.5	2.36 15.3	2.10 14.8	1.49 15.3
( 67 )	1988	5/12 0: 0	13.46 31	3.38 17.5	3.22 16.3	2.59 16.0	1.63 15.5
( 68 )	1988	5/12 2: 0	13.61 34	2.14 14.5	1.96 16.0	1.69 15.6	1.13 14.1
( 69 )	1988	5/12 4: 0	14.12 31	2.94 15.0	2.76 14.8	2.29 14.9	1.57 15.5
( 70 )	1988	5/12 6: 0	14.60 31	* 3.67 15.5	3.30 16.0	* 2.76 15.8	1.77 15.7
( 71 )	1988	5/12 8: 0	14.66 32	2.50 15.5	2.40 15.3	2.11 15.5	1.39 16.2
( 72 )	1988	5/12 10: 0	14.19 31	2.66 15.5	2.54 15.7	2.23 15.8	1.55 15.8



	DATE	TIME	DEPTH (N)	MAX	1/10	1/3	MEAN
(145)	1988	5/18 12: 0	15.29 36	1.07 14.0	1.02 13.1	0.90 14.2	0.60 13.0
(146)	1988	5/18 14: 0	14.29 36	1.22 14.0	1.05 13.8	0.92 13.6	0.62 13.6
(147)	1988	5/18 16: 0	13.18 40	1.34 14.0	1.13 14.3	0.83 14.1	0.55 12.2
(148)	1988	5/18 18: 0	12.82 40	1.20 14.5	1.14 13.5	1.02 13.1	0.65 12.2
(149)	1988	5/18 20: 0	13.54 33	1.66 14.5	1.55 14.5	1.21 14.2	0.77 14.6
(150)	1988	5/18 22: 0	14.45 34	1.53 14.0	1.27 14.5	0.93 14.5	0.65 14.2
(151)	1988	5/19 0: 0	14.78 33	1.31 13.5	1.21 13.8	0.98 14.4	0.69 14.5
(152)	1988	5/19 2: 0	14.27 38	1.36 13.0	1.07 14.1	0.92 13.3	0.61 12.9
(153)	1988	5/19 4: 0	13.59 37	1.35 13.5	1.22 13.9	1.00 14.0	0.67 13.1
(154)	1988	5/19 6: 0	13.47 36	1.59 13.5	1.39 13.8	1.15 13.8	0.77 13.6
(155)	1988	5/19 8: 0	14.22 34	1.59 13.5	1.34 13.5	1.08 14.0	0.65 14.2
(156)	1988	5/19 10: 0	15.11 37	1.53 14.0	1.36 14.0	1.07 14.4	0.74 13.3
(157)	1988	5/19 12: 0	15.32 36	* 1.99 12.5	1.71 14.1	* 1.31 13.6	0.84 13.1
(158)	1988	5/19 14: 0	14.60 36	1.34 13.0	1.18 13.6	1.04 13.5	0.74 13.4
(159)	1988	5/19 16: 0	13.50 34	1.39 14.5	1.22 13.8	1.01 13.8	0.69 13.2
(160)	1988	5/19 18: 0	12.92 36	1.52 14.5	1.28 14.5	1.08 13.9	0.71 13.4
(161)	1988	5/19 20: 0	13.34 35	1.42 13.5	1.42 13.0	1.29 13.3	0.92 13.8
(162)	1988	5/19 22: 0	14.20 37	1.19 13.5	1.10 13.4	0.97 13.5	0.67 13.1
(163)	1988	5/20 0: 0	14.71 34	1.55 15.0	1.40 14.0	1.12 13.9	0.68 14.2
(164)	1988	5/20 2: 0	14.44 35	1.59 15.0	1.46 15.6	1.24 14.9	0.84 13.8
(165)	1988	5/20 4: 0	13.80 33	1.43 15.0	1.25 15.5	0.93 16.1	0.65 14.8
(166)	1988	5/20 6: 0	13.52 33	1.87 15.0	1.61 14.8	1.22 15.5	0.81 14.5
(167)	1988	5/20 8: 0	14.04 31	1.60 14.0	1.44 14.5	1.05 15.0	0.66 15.4
(168)	1988	5/20 10: 0	14.83 27	1.41 16.5	1.30 16.8	1.10 17.4	0.82 17.1
(169)	1988	5/20 12: 0	15.25 31	* 1.93 16.5	1.67 17.2	* 1.27 16.1	0.82 15.8
(170)	1988	5/20 14: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0

COMMENT KUTA off shore

	DATE	TIME	DEPTH (N)	MAX	1/10	1/3	MRAN	
( 73)	1988	5/12	12: 0	13.64 33	1.78 13.5	1.65 14.2	1.41 14.8	0.99 14.4
( 74)	1988	5/12	14: 0	13.46 33	2.20 13.0	2.05 14.5	1.85 14.5	1.30 14.7
( 75)	1988	5/12	16: 0	13.86 32	2.52 14.0	2.30 14.2	1.81 15.0	1.24 15.0
( 76)	1988	5/12	18: 0	14.41 31	2.23 15.0	2.02 15.5	1.67 15.0	1.18 14.5
( 77)	1988	5/12	20: 0	14.57 31	2.37 13.5	1.98 14.5	1.58 15.1	1.04 14.7
( 78)	1988	5/12	22: 0	14.13 30	3.17 17.0	2.55 16.8	2.14 16.3	1.55 16.0
( 79)	1988	5/13	0: 0	13.58 32	2.88 14.5	2.26 15.3	1.79 15.4	1.10 14.8
( 80)	1988	5/13	2: 0	13.41 33	2.88 15.6	2.71 15.7	2.26 16.0	1.48 14.7
( 81)	1988	5/13	4: 0	13.91 32	2.74 16.0	2.62 16.5	2.22 15.5	1.55 15.2
( 82)	1988	5/13	6: 0	14.65 30	2.84 16.5	2.71 16.3	2.30 16.7	1.52 16.0
( 83)	1988	5/13	8: 0	15.01 30	2.50 16.5	2.17 15.7	1.89 15.0	1.28 15.0
( 84)	1988	5/13	10: 0	14.59 31	2.87 16.5	2.65 16.2	2.16 15.8	1.41 15.6
( 85)	1988	5/13	12: 0	13.75 32	3.17 15.0	2.70 14.2	2.09 14.7	1.48 15.3
( 86)	1988	5/13	14: 0	13.22 32	3.29 16.5	2.61 16.5	2.22 17.2	1.55 16.4
( 87)	1988	5/13	16: 0	13.41 33	14.98 5.0	6.02 7.2	3.40 13.2	2.27 15.0
( 88)	1988	5/13	18: 0	14.11 35	16.92 5.0	23.96 4.6	* 5.06 8.1	2.47 13.1
( 89)	1988	5/13	20: 0	14.66 32	30.89 4.5	6.40 7.2	3.18 13.7	2.29 15.3
( 90)	1988	5/13	22: 0	14.48 32	9.56 6.0	4.40 10.2	3.07 15.0	2.03 15.2
( 91)	1988	5/14	0: 0	13.76 33	33.25 4.0	31.82 4.3	4.11 9.8	2.58 13.9
( 92)	1988	5/14	2: 0	13.29 34	4.63 9.5	7.67 6.3	3.76 12.1	2.53 14.1
( 93)	1988	5/14	4: 0	13.60 36	6.51 7.0	12.02 5.4	* 7.97 6.2	2.97 11.0
( 94)	1988	5/14	6: 0	14.53 31	3.46 15.5	3.25 16.0	3.07 16.0	2.34 15.9
( 95)	1988	5/14	8: 0	15.22 31	3.14 15.0	3.02 15.3	2.67 15.4	1.76 15.6
( 96)	1988	5/14	10: 0	14.93 39	8.25 6.5	6.88 7.9	4.93 9.0	3.01 12.4
( 97)	1988	5/14	12: 0	14.06 31	6.56 8.0	6.16 7.3	3.64 11.8	2.16 15.6
( 98)	1988	5/14	14: 0	13.13 31	6.18 7.0	3.84 11.2	2.93 15.0	1.77 15.5
( 99)	1988	5/14	16: 0	13.03 30	3.43 15.5	2.98 15.3	2.44 15.7	1.60 16.1
(100)	1988	5/14	18: 0	13.81 32	25.98 4.5	5.75 7.2	2.67 13.8	1.69 15.0
(101)	1988	5/14	20: 0	14.62 31	2.15 16.5	2.11 15.8	1.79 15.2	1.12 15.9
(102)	1988	5/14	22: 0	14.74 34	2.26 15.5	2.06 15.7	1.53 15.3	1.04 14.1
(103)	1988	5/15	0: 0	14.13 32	2.36 15.0	2.20 15.0	1.88 15.2	1.27 14.9
(104)	1988	5/15	2: 0	13.42 32	2.00 14.0	1.85 14.8	1.58 14.2	1.02 15.1
(105)	1988	5/15	4: 0	13.44 30	* 3.12 15.5	3.06 15.7	* 2.40 15.4	1.39 15.3
(106)	1988	5/15	6: 0	14.31 33	2.86 15.0	2.65 15.3	2.24 15.4	1.61 14.5
(107)	1988	5/15	8: 0	15.24 33	2.30 16.0	2.24 15.8	1.80 15.3	1.13 14.7
(108)	1988	5/15	10: 0	16.31 34	2.24 14.5	2.06 15.3	1.54 14.5	1.03 14.5
(109)	1988	5/15	12: 0	14.39 30	2.57 15.5	2.25 16.0	1.93 15.7	1.35 16.0
(110)	1988	5/15	14: 0	13.21 36	2.60 15.5	2.46 15.8	1.81 14.9	1.12 13.7
(111)	1988	5/15	16: 0	12.77 33	3.02 16.0	2.79 15.5	2.13 15.4	1.35 14.5
(112)	1988	5/15	18: 0	13.39 33	2.40 15.0	2.33 14.7	2.00 14.7	1.31 14.8
(113)	1988	5/15	20: 0	14.39 37	2.63 14.0	2.42 14.1	1.89 14.3	1.22 13.2
(114)	1988	5/15	22: 0	14.81 35	2.52 14.0	2.05 14.5	1.50 14.6	1.02 14.0
(115)	1988	5/16	0: 0	14.34 36	2.04 14.5	1.60 15.8	1.40 15.2	0.93 13.8
(116)	1988	5/16	2: 0	13.53 32	2.20 15.0	1.97 16.0	1.69 15.0	1.18 15.0
(117)	1988	5/16	4: 0	13.28 35	2.17 16.0	1.89 16.6	1.52 16.2	1.07 13.9
(118)	1988	5/16	6: 0	13.99 34	2.31 14.0	2.27 14.2	1.86 15.1	1.37 14.1
(119)	1988	5/16	8: 0	15.08 36	2.07 16.0	1.89 14.8	1.51 14.9	1.00 13.6
(120)	1988	5/16	10: 0	15.48 34	* 2.46 14.0	2.15 14.0	1.74 13.5	1.16 13.5
(121)	1988	5/16	12: 0	14.74 34	1.75 14.5	1.70 14.8	1.50 15.2	1.06 14.3
(122)	1988	5/16	14: 0	13.51 37	2.35 14.5	2.22 14.6	1.63 15.2	0.99 12.9
(123)	1988	5/16	16: 0	12.69 33	2.11 14.0	1.98 13.7	1.67 13.7	1.23 14.5
(124)	1988	5/16	18: 0	13.01 38	2.08 13.0	1.82 13.5	1.58 13.0	1.11 12.7
(125)	1988	5/16	20: 0	14.09 40	2.35 14.5	2.17 14.1	1.70 13.9	0.99 12.3
(126)	1988	5/16	22: 0	14.79 36	1.81 13.0	1.55 13.6	1.34 13.0	0.99 13.8
(127)	1988	5/17	0: 0	14.58 39	1.45 13.0	1.42 12.8	1.30 12.9	0.90 12.2
(128)	1988	5/17	2: 0	13.76 41	1.49 11.5	1.19 13.0	0.98 12.3	0.69 11.9
(129)	1988	5/17	4: 0	13.26 39	* 2.34 13.5	1.84 13.1	* 1.39 13.2	0.90 12.4
(130)	1988	5/17	6: 0	13.72 39	1.47 11.0	1.33 12.3	1.15 12.5	0.77 12.3
(131)	1988	5/17	8: 0	14.82 37	1.36 13.0	1.28 13.4	1.19 13.3	0.86 13.0
(132)	1988	5/17	10: 0	15.47 35	1.48 13.0	1.22 13.1	1.00 13.1	0.66 13.7
(133)	1988	5/17	12: 0	15.08 39	1.46 14.5	1.39 13.5	1.08 13.3	0.70 12.7
(134)	1988	5/17	14: 0	13.89 40	1.00 11.5	0.93 12.6	0.84 13.4	0.58 12.1
(135)	1988	5/17	16: 0	12.86 39	1.34 13.0	1.15 13.1	0.94 13.7	0.64 12.4
(136)	1988	5/17	18: 0	12.83 39	1.25 13.0	1.16 12.4	0.94 12.1	0.51 12.2
(137)	1988	5/17	20: 0	13.79 38	1.52 13.5	1.28 13.8	1.05 13.3	0.69 12.9
(138)	1988	5/17	22: 0	14.67 38	1.55 14.0	1.30 13.4	0.99 12.9	0.66 12.9
(139)	1988	5/18	0: 0	14.74 37	* 1.72 13.0	1.54 13.4	1.14 14.2	0.73 13.2
(140)	1988	5/18	2: 0	14.05 42	1.33 13.0	1.22 12.6	0.98 12.7	0.62 11.7
(141)	1988	5/18	4: 0	13.38 37	1.62 13.5	1.53 13.4	* 1.32 13.1	0.84 13.0
(142)	1988	5/18	6: 0	13.55 39	1.68 12.0	1.28 13.4	0.97 12.3	0.64 12.3
(143)	1988	5/18	8: 0	14.52 35	1.39 14.5	1.18 14.1	0.92 13.8	0.62 13.7
(144)	1988	5/18	10: 0	15.34 35	1.30 13.0	1.06 13.9	0.90 13.3	0.62 13.1

Table Frequency of Wave Height and Period (Kuta off shore)

1988 5/20 15:00 > 1988 5/27 5:00

H(m)/T(s)	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	22.0	TOTAL	(%)
0.2	4	6	0	0	5	13	13	8	11	9	12	6	5	7	1	3	2	4	1	2	4	120	1.1
0.4	0	0	0	14	38	52	82	90	112	92	108	72	70	68	69	54	44	38	22	18	23	1085	9.7
0.6	0	0	1	9	29	35	75	101	121	152	177	231	199	188	146	124	76	64	40	22	40	1831	16.3
0.8	0	0	1	2	11	16	37	69	110	158	241	290	279	255	214	134	86	46	34	22	27	2033	18.1
1.0	0	0	2	1	2	2	4	31	61	107	191	309	343	257	203	112	61	56	34	16	24	1816	16.2
1.2	0	0	1	0	0	1	4	7	20	69	142	248	351	248	191	64	38	35	20	10	14	1405	12.5
1.4	0	0	0	0	0	0	0	1	11	34	87	198	237	191	102	53	28	21	18	8	4	993	8.9
1.6	0	0	0	0	0	0	0	0	2	11	32	77	106	152	82	52	26	17	6	6	2	739	6.6
1.8	0	0	0	0	0	0	0	0	0	0	16	50	80	79	55	36	21	15	4	6	0	441	3.9
2.0	0	0	0	0	0	0	0	0	0	2	6	13	31	45	38	23	9	8	2	0	0	310	2.8
2.2	0	0	0	0	0	0	0	0	0	0	1	9	22	24	30	13	5	1	1	0	0	175	1.6
2.4	0	0	0	0	0	0	0	0	0	0	1	4	10	17	18	5	2	1	0	0	0	105	0.9
2.6	0	0	0	0	0	0	0	0	0	0	0	2	5	13	12	6	1	0	0	0	0	58	0.5
2.8	0	0	0	0	0	0	0	0	0	0	0	1	3	8	11	6	0	0	0	0	0	39	0.3
3.0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	1	5	0	0	0	0	0	23	0.2
3.2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	7	0.1
3.4	0	0	0	0	0	0	0	0	2	0	0	0	0	1	0	0	0	0	0	0	0	3	0.0
3.6	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0	3	0.0
3.8	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0.0
4.0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0.0
4.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.0
4.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.0
4.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
4.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
5.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
5.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
5.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
5.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
6.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
6.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
6.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
6.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
7.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
7.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
7.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
7.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.0
8.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
8.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
8.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
8.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.0
9.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
9.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
9.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
9.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
9.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
TOTAL	4	11	19	36	87	129	215	309	465	654	1072	1636	1928	1629	1158	706	418	213	162	107	138	11216	100.0

(%) 0.0 0.1 0.2 0.3 0.8 1.2 1.9 2.8 4.1 5.8 9.6 14.6 17.2 14.5 10.0 6.9 3.7 2.8 1.6 1.0 1.0 100.0

Table Wave Calculated Result (Kuta off shore)

	DATE		TIME	DEPTH (M)		MAX		1/10		1/3		MEAN	
	YEAR	DAY		DEPTH 1	DEPTH 2	WAVE HGT	PERIOD	WAVE HGT	PERIOD	WAVE HGT	PERIOD	WAVE HGT	PERIOD
( 1)	1988	5/20	16: 0	0.01	10	0.01	2.6	0.01	2.6	0.01	2.7	0.02	3.1
( 2)	1988	5/20	18: 0	13.89	28	1.36	16.0	1.25	15.7	1.02	15.5	0.66	15.9
( 3)	1988	5/20	20: 0	13.19	30	* 2.11	15.5	1.95	15.5	* 1.74	16.0	1.17	16.0
( 4)	1988	5/20	22: 0	13.31	35	1.19	15.0	1.16	14.6	1.04	14.4	0.76	14.0
( 5)	1988	5/21	0: 0	13.96	32	2.14	15.5	1.77	15.0	1.34	15.3	0.86	15.0
( 6)	1988	5/21	2: 0	14.57	32	1.73	14.5	1.60	15.3	1.25	15.6	0.82	14.9
( 7)	1988	5/21	4: 0	14.57	31	* 2.43	15.0	2.35	15.3	* 1.89	15.3	1.10	15.6
( 8)	1988	5/21	6: 0	14.03	33	1.75	14.6	1.67	14.2	1.40	14.4	0.97	14.6
( 9)	1988	5/21	8: 0	13.66	33	2.11	14.0	2.02	14.0	1.65	14.0	1.02	14.5
(10)	1988	5/21	10: 0	13.94	34	2.30	14.0	1.97	14.2	1.56	14.4	1.04	14.2
(11)	1988	5/21	12: 0	14.55	34	1.68	13.5	1.54	13.5	1.32	13.6	0.83	14.1
(12)	1988	5/21	14: 0	15.05	33	1.99	14.0	1.80	14.5	1.53	14.4	1.04	14.8
(13)	1988	5/21	16: 0	14.92	31	1.97	14.0	1.76	14.0	1.55	13.9	1.05	14.3
(14)	1988	5/21	18: 0	14.21	36	1.83	14.0	1.63	14.0	1.35	14.3	0.88	13.8
(15)	1988	5/21	20: 0	13.49	34	1.41	14.0	1.33	14.0	1.15	13.9	0.78	13.9
(16)	1988	5/21	22: 0	13.38	35	1.68	14.5	1.60	13.9	1.44	13.8	0.97	14.1
(17)	1988	5/22	0: 0	13.84	37	1.61	13.5	1.44	14.0	1.27	13.8	0.87	13.4
(18)	1988	5/22	2: 0	14.41	35	1.72	14.5	1.58	14.4	1.40	14.2	0.91	14.0
(19)	1988	5/22	4: 0	14.57	35	1.77	13.5	1.66	13.5	1.38	13.6	0.96	13.6
(20)	1988	5/22	6: 0	14.24	38	2.04	13.5	1.54	13.6	1.20	13.2	0.76	12.9
(21)	1988	5/22	8: 0	13.91	36	1.73	13.0	1.48	13.3	1.22	13.5	0.73	12.7
(22)	1988	5/22	10: 0	13.92	38	1.76	13.0	1.55	13.6	1.18	14.0	0.75	12.9
(23)	1988	5/22	12: 0	14.35	37	2.10	13.5	2.01	13.6	1.65	13.7	1.06	13.2
(24)	1988	5/22	14: 0	14.81	39	* 2.72	13.5	2.51	13.6	* 1.93	13.6	1.11	12.7
(25)	1988	5/22	16: 0	14.92	34	2.13	13.5	2.08	13.0	1.82	13.5	1.30	14.2
(26)	1988	5/22	18: 0	14.49	36	1.92	13.5	1.82	13.4	1.41	13.8	0.86	13.5
(27)	1988	5/22	20: 0	13.92	38	1.75	14.0	1.71	13.1	1.50	13.1	1.07	12.8
(28)	1988	5/22	22: 0	13.59	36	1.84	12.5	1.65	12.5	1.40	12.5	0.96	13.2
(29)	1988	5/23	0: 0	13.79	36	1.49	13.0	1.50	12.1	1.37	12.0	0.98	13.1
(30)	1988	5/23	2: 0	14.27	39	1.99	13.0	1.86	12.3	1.48	12.3	1.00	12.5
(31)	1988	5/23	4: 0	14.55	41	1.34	11.0	1.25	12.0	1.06	12.1	0.74	11.9
(32)	1988	5/23	6: 0	14.46	38	1.87	13.0	1.56	13.3	1.25	12.6	0.85	11.9
(33)	1988	5/23	8: 0	14.17	42	1.64	13.0	1.56	12.6	1.21	12.8	0.82	11.8
(34)	1988	5/23	10: 0	14.04	40	1.38	12.5	1.25	13.0	1.11	12.8	0.73	12.1
(35)	1988	5/23	12: 0	14.26	38	1.67	12.5	1.56	13.0	1.36	13.1	0.93	12.8
(36)	1988	5/23	14: 0	14.61	38	1.72	13.5	1.50	13.4	1.33	13.4	0.89	13.1
(37)	1988	5/23	16: 0	14.80	40	1.49	15.0	1.49	13.3	1.28	12.6	0.81	12.0
(38)	1988	5/23	18: 0	14.64	38	1.57	12.5	1.44	12.4	1.14	12.5	0.76	12.8
(39)	1988	5/23	20: 0	14.16	41	* 2.13	12.0	1.95	12.8	* 1.50	12.6	0.94	12.0
(40)	1988	5/23	22: 0	13.83	36	1.98	13.5	1.69	12.8	1.44	13.2	0.94	13.5
(41)	1988	5/24	0: 0	13.87	37	1.36	12.5	1.25	12.4	1.10	12.4	0.73	13.0
(42)	1988	5/24	2: 0	14.19	40	2.15	12.5	1.81	13.1	1.48	12.8	1.05	12.3
(43)	1988	5/24	4: 0	14.54	39	1.92	13.5	1.85	12.9	1.54	13.0	1.04	12.2
(44)	1988	5/24	6: 0	14.60	40	1.89	12.5	1.73	12.9	1.32	12.4	0.86	12.3
(45)	1988	5/24	8: 0	14.41	39	2.12	11.0	1.79	12.4	1.61	12.2	1.06	12.6
(46)	1988	5/24	10: 0	14.25	39	2.24	13.0	1.90	12.8	1.49	13.5	0.95	12.3
(47)	1988	5/24	12: 0	14.28	40	1.87	14.5	1.59	13.8	1.30	14.3	0.87	12.1
(48)	1988	5/24	14: 0	14.47	39	1.92	15.0	1.65	13.1	1.37	13.4	0.90	12.3
(49)	1988	5/24	16: 0	14.70	39	1.91	15.5	1.86	12.8	1.64	12.7	1.11	12.5
(50)	1988	5/24	18: 0	14.69	38	* 2.51	13.0	2.16	13.0	* 1.84	13.2	1.30	12.9
(51)	1988	5/24	20: 0	14.42	38	1.87	16.5	1.78	15.1	1.52	14.4	1.02	12.8
(52)	1988	5/24	22: 0	14.16	35	2.19	13.5	1.90	13.9	1.57	13.7	1.09	13.7
(53)	1988	5/25	0: 0	14.03	35	* 2.26	14.5	2.05	15.0	* 1.69	14.8	1.22	13.9
(54)	1988	5/25	2: 0	14.16	38	1.85	12.5	1.72	12.9	1.34	14.0	0.87	12.9
(55)	1988	5/25	4: 0	14.49	37	1.69	13.5	1.50	14.4	1.29	14.8	0.85	13.2
(56)	1988	5/25	6: 0	14.70	41	1.86	14.0	1.82	13.4	1.53	12.8	0.98	11.9
(57)	1988	5/25	8: 0	14.70	38	1.90	14.5	1.69	14.3	1.27	13.7	0.83	12.7
(58)	1988	5/25	10: 0	14.55	37	1.54	13.5	1.38	13.5	1.14	14.2	0.80	13.1
(59)	1988	5/25	12: 0	14.39	39	1.31	14.0	1.16	14.5	1.06	13.0	0.78	12.5
(60)	1988	5/25	14: 0	14.38	39	2.02	13.0	1.66	13.3	1.34	13.3	0.90	12.3
(61)	1988	5/25	16: 0	14.53	39	1.30	14.5	1.15	14.4	1.02	13.4	0.77	12.2
(62)	1988	5/25	18: 0	14.65	39	1.91	12.0	1.43	14.0	1.22	12.7	0.87	12.2
(63)	1988	5/25	20: 0	14.58	37	2.20	13.0	1.86	13.6	1.34	13.6	0.87	13.0
(64)	1988	5/25	22: 0	14.38	36	2.16	14.0	1.85	13.6	1.48	13.5	0.91	13.7

	DATE	TIME	DEPTH (N)	MAX	1/10	1/3	MEAN	
55)	1988	5/26	0: 0	14.14 34	1.74 13.5	1.67 14.0	* 1.42 14.0	0.91 14.2
56)	1988	5/26	2: 0	14.12 35	1.51 14.0	1.24 14.6	1.00 15.4	0.75 14.1
57)	1988	5/26	4: 0	14.35 35	1.63 14.5	1.50 13.0	1.19 13.9	0.83 13.7
58)	1988	5/26	6: 0	14.67 37	1.70 13.0	1.53 13.5	1.29 13.4	0.80 13.1
59)	1988	5/26	8: 0	14.82 35	* 1.82 13.5	1.17 16.0	0.91 14.9	0.58 13.9
60)	1988	5/26	10: 0	14.73 33	1.45 16.5	1.32 15.8	1.05 15.7	0.70 15.0
61)	1988	5/26	12: 0	14.45 32	1.62 15.0	1.30 15.2	0.93 15.8	0.61 15.1
62)	1988	5/26	14: 0	14.20 34	1.23 16.0	1.16 15.5	0.99 15.3	0.67 13.8
63)	1988	5/26	16: 0	14.21 36	1.39 16.5	1.24 15.0	1.07 14.7	0.72 13.4
64)	1988	5/26	18: 0	14.39 35	1.38 14.5	1.16 15.4	0.90 16.8	0.64 14.1
65)	1988	5/26	20: 0	14.58 30	1.43 16.5	1.32 15.5	1.09 15.5	0.77 16.2
66)	1988	5/26	22: 0	14.53 32	1.20 15.0	1.13 15.7	0.98 15.9	0.72 14.7
67)	1988	5/27	0: 0	14.27 30	1.62 15.0	1.36 15.7	1.13 16.2	0.83 16.1
68)	1988	5/27	2: 0	14.07 32	* 1.97 15.5	1.57 16.2	1.25 15.6	0.82 14.7
69)	1988	5/27	4: 0	14.18 33	1.40 14.5	1.32 14.0	1.08 15.3	0.70 14.6
70)	1988	5/27	6: 0	14.57 33	1.44 14.0	1.39 14.5	1.23 15.8	0.84 14.7
71)	1988	5/27	8: 0	14.95 33	1.52 15.5	1.44 15.2	1.24 15.5	0.83 14.7
72)	1988	5/27	10: 0	15.03 33	1.55 15.0	1.46 15.2	1.18 15.9	0.82 14.8
73)	1988	5/27	12: 0	14.66 34	1.53 15.0	1.50 15.5	1.23 16.0	0.82 14.2
74)	1988	5/27	14: 0	14.21 33	1.70 15.0	1.55 15.3	1.27 15.2	0.87 14.3
75)	1988	5/27	16: 0	14.01 30	1.43 15.0	1.38 14.8	1.24 15.5	0.88 15.9
76)	1988	5/27	18: 0	14.23 33	1.47 15.0	1.45 14.7	* 1.27 15.0	0.92 14.6
77)	1988	5/27	20: 0	14.59 33	1.45 14.5	1.37 14.2	1.15 14.2	0.84 14.7
78)	1988	5/27	22: 0	14.74 32	1.50 15.5	1.46 15.7	1.26 15.7	0.88 15.0
79)	1988	5/28	0: 0	14.54 34	1.07 15.5	1.03 15.5	0.84 15.0	0.57 13.6
80)	1988	5/28	2: 0	14.16 32	1.30 15.0	1.18 14.8	0.97 14.6	0.66 14.9
81)	1988	5/28	4: 0	14.05 33	0.86 13.5	0.78 14.0	0.68 14.0	0.48 14.7
82)	1988	5/28	6: 0	14.43 35	1.36 13.5	1.15 14.8	0.98 14.6	0.66 13.5
83)	1988	5/28	8: 0	14.97 35	* 1.94 14.0	1.66 14.1	* 1.31 14.5	0.87 14.0
84)	1988	5/28	10: 0	15.18 37	1.86 13.0	1.52 13.9	1.12 14.0	0.75 13.4
85)	1988	5/28	12: 0	14.85 33	1.45 13.0	1.30 13.3	1.12 13.7	0.76 14.4
86)	1988	5/28	14: 0	14.23 35	1.37 13.5	1.24 14.0	1.05 14.4	0.73 13.8
87)	1988	5/28	16: 0	13.81 35	1.47 14.5	1.38 14.1	1.14 14.1	0.78 13.3
88)	1988	5/28	18: 0	13.95 35	1.28 14.5	1.26 13.8	1.09 14.4	0.70 13.9
89)	1988	5/28	20: 0	14.41 34	1.46 13.0	1.39 13.3	1.11 13.9	0.74 14.3
90)	1988	5/28	22: 0	14.81 37	1.09 14.5	0.99 13.9	0.82 13.5	0.58 13.1
91)	1988	5/29	0: 0	14.68 33	1.44 14.0	1.31 15.2	0.98 15.3	0.70 14.7
92)	1988	5/29	2: 0	14.27 31	1.47 14.0	1.18 14.8	0.96 16.2	0.68 15.0
93)	1988	5/29	4: 0	13.98 36	1.43 13.5	1.24 13.8	0.97 14.9	0.64 13.6
94)	1988	5/29	6: 0	14.23 33	1.69 15.0	1.64 14.7	1.26 15.5	0.84 13.9
95)	1988	5/29	8: 0	14.91 35	1.84 14.5	1.60 15.6	1.30 16.2	0.90 13.8
96)	1988	5/29	10: 0	15.38 37	1.44 15.5	1.38 14.9	1.25 14.7	0.84 13.3
97)	1988	5/29	12: 0	15.15 32	1.64 13.5	1.45 14.8	1.17 16.3	0.84 15.4
98)	1988	5/29	14: 0	14.41 32	1.71 14.5	1.46 15.8	1.10 16.6	0.77 14.9
99)	1988	5/29	16: 0	13.71 28	1.76 18.5	1.59 18.2	1.25 19.8	0.91 17.3
100)	1988	5/29	18: 0	13.66 28	2.14 16.5	1.97 17.2	* 1.62 17.9	1.07 17.1
101)	1988	5/29	20: 0	14.22 28	* 2.22 16.0	1.75 15.8	1.37 16.2	0.94 17.1
102)	1988	5/29	22: 0	14.80 27	1.67 19.0	1.68 17.2	1.51 17.0	0.96 17.8
103)	1988	5/30	0: 0	14.84 29	2.06 17.5	1.85 18.3	1.45 18.2	0.99 16.5
104)	1988	5/30	2: 0	14.37 26	1.96 19.0	1.73 18.7	1.49 18.7	1.04 18.4
105)	1988	5/30	4: 0	13.94 30	1.88 17.5	1.57 18.3	1.31 18.3	0.86 16.1
106)	1988	5/30	6: 0	14.06 27	2.07 17.5	1.83 18.0	1.47 17.3	0.94 16.9
107)	1988	5/30	8: 0	14.76 32	1.61 15.5	1.47 18.0	1.24 17.5	0.87 15.5
108)	1988	5/30	10: 0	15.44 31	* 2.44 18.5	2.23 17.3	1.78 17.4	1.13 15.7
109)	1988	5/30	12: 0	15.41 29	1.55 17.0	1.51 17.2	1.23 17.1	0.82 16.4
110)	1988	5/30	14: 0	14.63 28	2.31 16.5	2.04 16.7	1.79 17.2	1.31 17.3
111)	1988	5/30	16: 0	13.68 26	2.09 19.5	1.94 19.8	1.55 18.4	1.07 17.2
112)	1988	5/30	18: 0	13.40 28	1.62 16.5	1.49 17.8	1.18 17.7	0.76 17.5
113)	1988	5/30	20: 0	13.93 27	2.06 18.0	2.00 17.8	* 1.89 17.6	1.45 17.7
114)	1988	5/30	22: 0	14.70 28	2.04 16.0	1.95 17.2	1.75 18.2	1.02 17.3
115)	1988	5/31	0: 0	15.01 28	2.36 18.0	2.27 17.2	2.01 17.3	1.45 17.2
116)	1988	5/31	2: 0	14.65 30	2.17 17.0	1.89 17.3	1.52 17.8	1.05 16.3
117)	1988	5/31	4: 0	14.01 27	2.53 17.5	2.16 17.5	1.80 17.2	1.28 17.8
118)	1988	5/31	6: 0	13.83 28	2.63 17.0	2.49 16.7	2.24 17.0	1.42 16.2
119)	1988	5/31	8: 0	14.52 29	1.64 17.0	1.60 16.2	1.40 16.1	0.97 17.1
120)	1988	5/31	10: 0	15.33 29	2.09 16.5	2.03 16.0	1.62 16.5	1.01 15.6
121)	1988	5/31	12: 0	15.54 31	2.36 16.0	2.25 16.0	1.93 16.0	1.30 15.4
122)	1988	5/31	14: 0	14.81 28	* 2.90 16.5	2.73 16.5	* 2.34 16.6	1.59 16.2

	DATE	TIME	DEPTH (N)	MAX	1/10	1/3	MEAN
(133)	1988	5/31 16: 0	13.75 30	2.21 16.0	2.16 16.2	1.81 16.1	1.33 16.3
(134)	1988	5/31 18: 0	13.15 30	2.24 17.0	2.19 16.7	1.86 16.2	1.22 16.2
(135)	1988	5/31 20: 0	13.52 30	2.63 16.0	2.50 16.2	2.26 16.1	1.48 16.4
(136)	1988	5/31 22: 0	14.40 30	2.14 16.0	1.96 16.0	1.52 16.2	1.03 15.4
(137)	1988	6/ 1 0: 0	14.97 31	* 3.19 16.5	2.89 16.2	* 2.35 16.0	1.68 15.5
(138)	1988	6/ 1 2: 0	14.73 30	2.45 16.0	2.43 15.5	2.16 15.6	1.32 15.9
(139)	1988	6/ 1 4: 0	14.11 32	2.24 15.0	2.12 15.2	1.78 15.2	1.22 14.8
(140)	1988	6/ 1 6: 0	13.74 31	2.23 15.0	2.19 15.0	1.81 15.6	1.18 15.4
(141)	1988	6/ 1 8: 0	14.25 33	2.71 15.0	2.50 15.2	1.86 14.8	1.13 15.1
(142)	1988	6/ 1 10: 0	15.19 31	1.92 15.0	1.82 15.3	1.54 15.6	1.01 15.7
(143)	1988	6/ 1 12: 0	15.66 34	2.26 15.0	2.12 14.7	1.81 14.9	1.23 14.5
(144)	1988	6/ 1 14: 0	15.17 31	2.12 15.5	2.10 15.5	1.85 15.3	1.25 15.7
(145)	1988	6/ 1 16: 0	14.04 32	2.54 15.5	2.35 15.8	2.02 15.6	1.36 15.2
(146)	1988	6/ 1 18: 0	13.16 33	2.60 15.0	2.40 14.8	1.89 14.5	1.04 14.6
(147)	1988	6/ 1 20: 0	13.22 33	2.28 15.0	2.26 14.5	1.88 14.6	1.24 14.4
(148)	1988	6/ 1 22: 0	14.08 32	1.99 14.5	1.90 15.2	1.60 14.7	1.14 15.0
(149)	1988	6/ 2 0: 0	14.86 35	1.44 14.0	1.38 14.6	1.24 14.8	0.86 13.9
(150)	1988	6/ 2 2: 0	14.91 37	2.26 14.0	1.85 14.4	1.39 13.8	0.83 13.1
(151)	1988	6/ 2 4: 0	14.28 34	1.69 14.5	1.57 14.7	1.35 15.1	0.90 14.2
(152)	1988	6/ 2 6: 0	13.74 36	* 2.32 14.0	2.05 14.1	1.60 14.6	0.94 13.5
(153)	1988	6/ 2 8: 0	14.00 34	* 2.32 14.5	2.24 14.5	* 1.71 14.4	1.08 14.1
(154)	1988	6/ 2 10: 0	14.91 35	1.68 13.5	1.62 13.3	1.32 13.6	0.87 14.1
(155)	1988	6/ 2 12: 0	15.67 35	2.22 13.5	1.79 14.1	1.42 14.0	0.87 14.0
(156)	1988	6/ 2 14: 0	15.54 34	2.08 14.0	1.97 14.0	1.48 14.3	0.97 14.5
(157)	1988	6/ 2 16: 0	14.53 34	1.78 13.0	1.59 14.0	1.36 14.0	0.93 13.8
(158)	1988	6/ 2 18: 0	13.44 34	1.51 13.5	1.39 13.7	1.14 13.9	0.74 14.5
(159)	1988	6/ 2 20: 0	13.17 36	1.93 14.0	1.84 13.9	1.54 14.7	0.98 13.7
(160)	1988	6/ 2 22: 0	13.89 31	1.97 14.5	1.88 14.3	1.65 13.9	1.06 14.0
(161)	1988	6/ 3 0: 0	14.77 33	2.10 15.0	2.06 15.0	1.87 14.6	1.36 14.8
(162)	1988	6/ 3 2: 0	15.09 35	* 2.65 15.0	2.03 14.3	1.60 14.0	1.01 13.9
(163)	1988	6/ 3 4: 0	14.57 34	2.07 14.0	1.99 13.7	1.72 14.0	1.11 14.0
(164)	1988	6/ 3 6: 0	13.92 36	1.78 14.5	1.65 13.9	1.41 14.1	0.91 13.4
(165)	1988	6/ 3 8: 0	13.87 31	2.31 15.0	2.19 14.2	* 2.01 14.0	1.19 14.3
(166)	1988	6/ 3 10: 0	14.66 35	2.53 14.0	2.22 14.1	1.72 14.3	1.08 13.7
(167)	1988	6/ 3 12: 0	15.55 35	1.74 13.5	1.62 14.3	1.31 14.2	0.86 13.8
(168)	1988	6/ 3 14: 0	15.72 35	1.30 14.5	1.07 15.0	0.94 14.2	0.63 13.5
(169)	1988	6/ 3 16: 0	14.93 35	1.82 14.0	1.39 13.9	1.12 13.5	0.74 13.8
(170)	1988	6/ 3 18: 0	13.77 34	1.81 14.0	1.56 14.3	1.19 15.0	0.79 14.3
(171)	1988	6/ 3 20: 0	13.16 36	2.18 14.5	1.79 14.6	1.40 14.2	0.96 13.6
(172)	1988	6/ 3 22: 0	13.62 35	2.27 13.0	1.78 14.1	1.41 14.2	0.87 13.5
(173)	1988	6/ 4 0: 0	14.53 34	1.79 13.0	1.72 13.5	1.43 13.5	0.90 14.4
(174)	1988	6/ 4 2: 0	15.07 34	1.68 14.5	1.54 14.3	1.26 13.9	0.84 14.3
(175)	1988	6/ 4 4: 0	14.79 33	* 2.04 15.0	1.87 15.3	* 1.49 14.8	0.99 14.8
(176)	1988	6/ 4 6: 0	14.12 33	1.57 14.5	1.49 14.0	1.22 14.6	0.81 14.3
(177)	1988	6/ 4 8: 0	13.78 36	1.87 14.0	1.65 14.4	1.46 14.2	1.02 13.8
(178)	1988	6/ 4 10: 0	14.26 37	1.97 14.0	1.88 14.1	1.42 14.0	0.88 13.2
(179)	1988	6/ 4 12: 0	15.16 34	1.73 14.0	1.55 14.0	1.22 14.5	0.80 14.5
(180)	1988	6/ 4 14: 0	15.67 34	1.43 13.5	1.31 13.8	1.07 13.5	0.78 14.2
(181)	1988	6/ 4 16: 0	15.21 36	1.69 13.5	1.52 14.1	1.25 13.8	0.83 13.7
(182)	1988	6/ 4 18: 0	14.17 34	1.42 13.5	1.38 13.7	1.21 13.7	0.80 13.9
(183)	1988	6/ 4 20: 0	13.33 39	1.71 12.0	1.43 13.6	1.21 14.2	0.86 12.6
(184)	1988	6/ 4 22: 0	13.39 41	1.97 13.5	1.86 13.1	1.47 13.4	0.96 12.0
(185)	1988	6/ 5 0: 0	14.19 35	1.75 12.5	1.71 12.1	* 1.53 12.4	1.06 13.6
(186)	1988	6/ 5 2: 0	14.88 39	1.54 12.5	1.29 12.8	1.03 13.1	0.73 12.6
(187)	1988	6/ 5 4: 0	14.91 39	1.49 12.0	1.35 11.8	1.06 11.8	0.65 12.6
(188)	1988	6/ 5 6: 0	14.36 37	1.64 12.0	1.27 13.5	1.07 13.5	0.67 13.2
(189)	1988	6/ 5 8: 0	13.86 36	1.40 12.0	1.28 12.8	1.12 12.9	0.79 13.3
(190)	1988	6/ 5 10: 0	14.03 38	1.45 12.0	1.32 12.6	1.10 13.4	0.82 12.7
(191)	1988	6/ 5 12: 0	14.77 39	1.33 12.5	1.10 12.5	0.87 12.8	0.60 11.9
(192)	1988	6/ 5 14: 0	15.39 41	1.55 12.5	1.41 12.1	1.08 12.6	0.72 11.9

	DATE	TIME	DEPTH (N)	MAX	1/10	1/3	MEAN
193)	1988	6/ 5 16: 0	15.33 37	1.60 12.0	1.33 13.0	1.07 13.2	0.67 13.4
194)	1988	6/ 5 18: 0	14.53 39	1.19 11.0	1.05 12.5	0.96 12.7	0.72 12.4
195)	1988	6/ 5 20: 0	13.61 40	* 1.82 13.0	1.64 13.1	1.35 12.7	0.87 12.4
196)	1988	6/ 5 22: 0	13.35 43	1.42 10.5	1.30 11.1	1.16 12.0	0.78 11.5
197)	1988	6/ 6 0: 0	13.88 40	* 1.61 11.5	1.34 12.3	* 1.10 12.8	0.72 12.0
198)	1988	6/ 6 2: 0	14.63 40	1.36 11.5	1.23 11.8	1.01 12.3	0.69 12.1
199)	1988	6/ 6 4: 0	14.91 41	1.32 12.5	1.13 12.9	0.83 12.4	0.51 11.7
200)	1988	6/ 6 6: 0	14.61 39	1.01 12.0	0.91 11.9	0.73 12.4	0.61 12.3
201)	1988	6/ 6 8: 0	14.04 41	1.06 13.0	1.00 12.4	0.81 12.4	0.55 12.0
202)	1988	6/ 6 10: 0	13.85 41	1.16 12.0	0.99 12.6	0.84 12.0	0.57 12.0
203)	1988	6/ 6 12: 0	14.30 40	1.02 12.5	0.88 12.6	0.80 12.2	0.58 12.3
204)	1988	6/ 6 14: 0	14.97 39	1.00 12.0	0.94 12.4	0.75 12.3	0.50 12.6
205)	1988	6/ 6 16: 0	15.21 40	1.02 12.0	0.94 12.8	0.76 12.8	0.46 12.1
206)	1988	6/ 6 18: 0	14.78 37	1.11 12.5	0.99 13.0	0.74 14.4	0.46 13.2
207)	1988	6/ 6 20: 0	13.96 38	1.19 13.5	1.10 13.4	0.98 12.7	0.63 12.8
208)	1988	6/ 6 22: 0	13.45 37	1.27 13.5	1.04 13.8	0.91 13.1	0.62 12.9
209)	1988	6/ 7 0: 0	13.65 37	1.14 12.5	1.04 12.6	0.91 13.7	0.64 13.0
210)	1988	6/ 7 2: 0	14.30 37	1.21 16.5	1.09 15.1	0.86 15.0	0.57 12.9
211)	1988	6/ 7 4: 0	14.78 34	1.40 14.5	1.20 15.7	0.99 15.8	0.67 14.0
212)	1988	6/ 7 6: 0	14.78 33	1.00 13.5	0.88 14.8	0.73 16.2	0.52 14.3
213)	1988	6/ 7 8: 0	14.31 32	1.35 15.0	1.10 15.5	0.88 16.4	0.57 15.0
214)	1988	6/ 7 10: 0	13.88 33	1.14 15.5	1.04 15.0	0.81 14.9	0.56 14.6
215)	1988	6/ 7 12: 0	13.96 30	* 1.52 15.0	1.34 15.8	1.08 15.6	0.78 15.7
216)	1988	6/ 7 14: 0	14.47 33	1.48 14.5	1.40 15.9	* 1.17 15.9	0.74 14.8
217)	1988	6/ 7 16: 0	14.89 33	0.98 13.0	0.93 13.2	0.74 14.4	0.48 13.8
218)	1988	6/ 7 18: 0	14.81 34	0.98 15.0	0.89 14.8	0.78 14.6	0.54 14.5
219)	1988	6/ 7 20: 0	14.29 34	0.91 14.5	0.88 14.8	0.73 14.8	0.51 14.6
220)	1988	6/ 7 22: 0	13.69 34	1.18 13.0	1.13 13.5	0.94 14.8	0.84 14.5
221)	1988	6/ 8 0: 0	13.57 34	1.20 15.0	1.10 14.7	0.95 14.2	0.60 13.7
222)	1988	6/ 8 2: 0	14.03 33	1.33 15.5	1.29 15.0	1.00 14.5	0.69 14.9
223)	1988	6/ 8 4: 0	14.64 34	1.15 15.5	1.03 15.7	0.83 14.7	0.49 13.6
224)	1988	6/ 8 6: 0	14.89 34	1.17 14.0	1.14 14.7	0.96 15.1	0.68 14.3
225)	1988	6/ 8 8: 0	14.67 33	1.01 15.0	0.88 15.3	0.76 14.7	0.49 14.7
226)	1988	6/ 8 10: 0	14.16 33	1.34 15.0	1.32 14.7	1.18 14.7	0.79 14.8
227)	1988	6/ 8 12: 0	13.83 32	1.37 15.0	1.31 15.0	1.08 14.9	0.79 15.1
228)	1988	6/ 8 14: 0	14.05 33	* 1.63 15.0	1.32 14.3	0.95 14.4	0.63 14.7
229)	1988	6/ 8 16: 0	14.51 32	1.44 15.5	1.32 15.2	1.02 15.6	0.69 15.1
230)	1988	6/ 8 18: 0	14.73 34	1.31 15.0	1.27 15.0	1.14 14.9	0.78 14.4
231)	1988	6/ 8 20: 0	14.53 32	1.45 15.0	1.46 14.8	* 1.30 14.6	0.85 15.3
232)	1988	6/ 8 22: 0	14.01 34	1.61 14.5	1.52 14.3	1.24 14.4	0.83 14.4
233)	1988	6/ 9 0: 0	13.65 31	1.28 15.5	1.22 14.8	0.98 15.1	0.68 15.0
234)	1988	6/ 9 2: 0	13.82 33	1.79 15.0	1.74 15.2	1.51 14.7	1.13 14.8
235)	1988	6/ 9 4: 0	14.39 33	1.83 14.5	1.47 15.0	1.30 14.9	0.86 14.7
236)	1988	6/ 9 6: 0	14.85 33	1.31 14.5	1.27 14.8	1.08 14.9	0.76 14.5
237)	1988	6/ 9 8: 0	14.89 33	1.91 14.0	1.81 13.8	1.48 14.2	0.94 14.6
238)	1988	6/ 9 10: 0	14.48 35	1.51 14.5	1.37 13.9	1.19 14.1	0.77 13.9
239)	1988	6/ 9 12: 0	13.90 34	* 1.93 14.0	1.87 14.3	* 1.61 14.3	0.94 14.1
240)	1988	6/ 9 14: 0	13.71 33	1.81 15.0	1.64 14.8	1.43 14.2	0.97 13.9
241)	1988	6/ 9 16: 0	13.98 37	1.58 13.0	1.51 13.9	1.25 13.7	0.84 13.4
242)	1988	6/ 9 18: 0	14.40 35	1.61 14.0	1.40 14.5	1.23 14.2	0.83 13.9
243)	1988	6/ 9 20: 0	14.53 33	1.29 14.5	1.22 15.8	1.08 14.5	0.79 14.6
244)	1988	6/ 9 22: 0	14.24 35	1.87 15.5	1.45 14.9	1.14 15.0	0.75 14.2
245)	1988	6/10 0: 0	13.83 34	1.87 14.0	1.73 14.2	1.44 14.6	0.90 14.5
246)	1988	6/10 2: 0	13.73 34	1.21 15.0	1.18 14.3	1.08 15.1	0.75 14.2
247)	1988	6/10 4: 0	14.12 31	1.92 16.0	1.85 16.3	1.53 15.7	0.99 15.3
248)	1988	6/10 6: 0	14.70 30	1.68 17.5	1.62 16.7	1.48 16.0	1.01 15.9
249)	1988	6/10 8: 0	15.06 33	2.10 16.0	1.91 15.7	1.69 16.7	1.18 14.4
250)	1988	6/10 10: 0	14.85 30	2.95 16.5	2.67 16.3	2.04 16.3	1.44 15.7
251)	1988	6/10 12: 0	14.23 32	* 3.19 17.0	2.80 16.3	1.92 15.4	1.15 14.7
252)	1988	6/10 14: 0	13.63 30	2.09 15.5	2.05 16.0	1.91 16.0	1.40 15.8
253)	1988	6/10 16: 0	13.64 33	2.32 17.0	2.08 17.0	1.67 16.0	1.08 14.9
254)	1988	6/10 18: 0	14.07 28	2.86 16.5	2.21 17.7	1.91 16.5	1.19 16.5
255)	1988	6/10 20: 0	14.48 28	2.62 16.5	2.42 15.8	* 2.07 16.4	1.39 15.5
256)	1988	6/10 22: 0	14.51 31	1.67 16.5	1.58 16.3	1.42 16.2	0.96 15.0
257)	1988	6/11 0: 0	14.12 32	2.22 14.5	2.06 15.8	1.79 15.5	1.23 14.8
258)	1988	6/11 2: 0	13.77 28	2.53 16.6	2.38 17.3	* 2.10 15.3	1.37 15.4
259)	1988	6/11 4: 0	13.88 30	2.58 16.0	2.37 17.3	1.98 17.0	1.38 15.2
260)	1988	6/11 6: 0	14.49 31	1.56 19.0	1.54 17.0	1.35 17.9	0.89 15.4
261)	1988	6/11 8: 0	15.03 29	2.43 16.5	2.18 17.3	1.77 19.0	1.18 16.7

	DATE	TIME	DEPTH (N)	MAX	1/10	1/3	NBAN
(262)	1988	6/11 10: 0	15.13 28	1.87 16.5	1.70 16.3	1.42 16.3	0.96 17.4
(263)	1988	6/11 12: 0	14.57 28	2.06 16.5	1.95 17.0	1.63 16.6	1.07 16.7
(264)	1988	6/11 14: 0	13.77 28	2.08 17.5	2.05 18.7	1.91 18.8	1.26 17.4
(265)	1988	6/11 16: 0	13.37 27	* 2.61 19.0	2.41 18.0	1.99 18.6	1.26 16.6
(266)	1988	6/11 18: 0	13.67 29	2.49 19.0	2.08 17.3	1.74 17.7	1.20 16.7
(267)	1988	6/11 20: 0	14.25 28	2.35 16.5	2.25 16.8	2.03 16.8	1.42 17.3
(268)	1988	6/11 22: 0	14.62 29	1.85 17.5	1.81 18.3	1.61 17.3	1.17 16.7
(269)	1988	6/12 0: 0	14.43 30	2.03 16.0	1.77 16.2	1.51 17.0	0.98 16.0
(270)	1988	6/12 2: 0	13.95 32	2.07 16.0	1.76 17.8	1.53 17.1	1.12 15.2
(271)	1988	6/12 4: 0	13.76 32	1.76 16.5	1.63 15.3	1.37 16.4	0.96 15.5
(272)	1988	6/12 6: 0	14.18 29	1.63 14.5	1.36 15.7	1.08 16.3	0.77 16.5
(273)	1988	6/12 8: 0	14.88 28	1.76 15.0	1.53 16.2	1.37 16.2	0.98 17.2
(274)	1988	6/12 10: 0	15.24 31	1.96 17.0	1.77 17.8	1.46 16.0	0.97 15.5
(275)	1988	6/12 12: 0	14.88 29	2.07 16.0	1.93 17.0	1.76 16.7	1.29 16.7
(276)	1988	6/12 14: 0	14.02 29	2.47 16.0	2.18 16.7	1.67 16.3	1.08 16.6
(277)	1988	6/12 16: 0	13.26 30	2.85 16.5	2.50 17.0	2.14 16.5	1.41 16.1
(278)	1988	6/12 18: 0	13.30 31	3.01 15.5	2.51 15.3	1.92 16.0	1.24 15.6
(279)	1988	6/12 20: 0	13.92 31	3.02 17.0	2.97 16.2	2.36 16.7	1.58 15.9
(280)	1988	6/12 22: 0	14.53 31	* 3.45 15.5	3.25 15.8	* 2.76 16.3	1.81 15.5
(281)	1988	6/13 0: 0	14.59 30	3.11 17.0	2.89 16.8	2.54 16.5	1.63 16.0
(282)	1988	6/13 2: 0	14.13 30	3.23 17.5	2.99 16.5	2.42 16.3	1.66 16.6
(283)	1988	6/13 4: 0	13.70 33	2.77 17.5	2.74 16.2	2.41 16.1	1.71 14.8
(284)	1988	6/13 6: 0	13.85 29	3.11 17.5	2.94 16.3	2.58 15.8	1.71 16.3
(285)	1988	6/13 8: 0	14.59 31	2.92 16.0	2.62 15.5	2.13 15.5	1.47 15.3
(286)	1988	6/13 10: 0	15.23 30	2.85 15.0	2.74 15.5	2.45 16.3	1.78 16.5
(287)	1988	6/13 12: 0	15.13 29	3.33 16.0	2.88 16.3	2.11 16.1	1.33 16.6
(288)	1988	6/13 14: 0	14.29 32	2.32 15.0	2.24 16.2	1.97 15.8	1.39 15.4
(289)	1988	6/13 16: 0	13.36 31	2.77 14.5	2.61 15.5	2.09 16.3	1.48 15.4
(290)	1988	6/13 18: 0	12.97 37	10.51 5.5	15.79 4.9	* 4.47 8.8	2.01 13.1
(291)	1988	6/13 20: 0	13.54 31	11.03 5.5	6.65 6.8	3.90 11.1	2.56 14.4
(292)	1988	6/13 22: 0	14.32 36	* 29.09 4.5	9.45 5.9	3.26 11.7	2.07 13.8
(293)	1988	6/14 0: 0	14.66 32	2.72 15.5	2.71 15.0	2.27 15.0	1.62 14.9
(294)	1988	6/14 2: 0	14.30 35	2.51 15.0	2.12 15.0	1.76 15.3	1.22 14.0
(295)	1988	6/14 4: 0	13.73 32	2.93 14.5	2.82 14.5	2.30 14.6	1.45 15.4
(296)	1988	6/14 6: 0	13.61 34	* 3.71 16.0	4.27 10.3	* 3.17 13.7	1.90 14.1
(297)	1988	6/14 8: 0	14.25 31	2.29 15.0	2.17 14.5	1.98 14.6	1.42 14.8
(298)	1988	6/14 10: 0	15.06 37	2.42 14.0	2.09 14.3	1.71 14.1	1.04 13.1
(299)	1988	6/14 12: 0	15.26 33	2.82 14.5	2.63 14.8	2.27 14.5	1.58 15.0
(300)	1988	6/14 14: 0	14.63 34	1.52 15.5	1.54 14.5	1.38 14.1	0.96 14.1
(301)	1988	6/14 16: 0	13.54 33	1.83 15.0	1.76 15.0	1.55 14.3	1.03 14.5
(302)	1988	6/14 18: 0	12.89 33	1.91 14.5	1.86 14.3	1.59 14.5	1.19 14.7
(303)	1988	6/14 20: 0	13.21 35	1.72 14.0	1.58 14.5	1.43 14.2	0.98 13.9
(304)	1988	6/14 22: 0	14.08 36	2.18 14.0	1.81 14.4	1.54 14.5	1.08 13.7
(305)	1988	6/15 0: 0	14.67 35	2.71 14.5	2.21 14.5	1.64 14.4	1.03 14.1
(306)	1988	6/15 2: 0	14.49 37	1.77 13.5	1.59 14.1	1.42 14.2	0.97 13.4
(307)	1988	6/15 4: 0	13.84 35	* 2.74 13.0	2.44 13.6	* 2.14 14.2	1.55 14.1
(308)	1988	6/15 6: 0	13.49 33	2.45 14.0	2.21 14.7	1.82 14.3	1.22 14.6
(309)	1988	6/15 8: 0	13.91 35	2.01 13.0	1.83 14.0	1.69 13.5	1.15 13.6
(310)	1988	6/15 10: 0	14.79 34	2.41 13.5	1.89 13.8	1.63 13.9	1.01 14.1
(311)	1988	6/15 12: 0	15.31 35	1.84 13.0	1.66 13.5	1.35 13.8	0.95 14.1
(312)	1988	6/15 14: 0	14.89 38	1.71 13.0	1.57 13.1	1.14 13.7	0.80 12.8
(313)	1988	6/15 16: 0	13.83 35	1.88 14.0	1.85 13.3	1.49 13.5	0.96 13.6
(314)	1988	6/15 18: 0	12.95 36	1.70 14.5	1.59 13.5	1.37 13.8	0.95 13.3
(315)	1988	6/15 20: 0	12.96 37	1.52 13.5	1.41 13.6	1.15 13.6	0.78 13.2
(316)	1988	6/15 22: 0	13.79 34	1.67 14.5	1.46 14.3	1.19 14.0	0.80 14.0
(317)	1988	6/16 0: 0	14.56 36	1.68 13.5	1.37 14.0	1.21 13.4	0.90 13.4
(318)	1988	6/16 2: 0	14.65 36	1.59 14.5	1.36 14.5	1.05 14.0	0.66 13.7
(319)	1988	6/16 4: 0	14.06 35	1.61 16.0	1.50 14.9	1.29 14.5	0.87 13.9
(320)	1988	6/16 6: 0	13.50 36	1.45 13.5	1.28 14.0	1.05 14.1	0.68 13.1
(321)	1988	6/16 8: 0	13.67 36	1.65 15.0	1.54 14.6	1.37 14.0	0.91 13.7
(322)	1988	6/16 10: 0	14.48 34	* 2.29 14.5	1.96 14.0	* 1.60 14.5	1.05 14.3
(323)	1988	6/16 12: 0	15.20 32	1.48 15.5	1.38 15.5	1.21 15.2	0.90 15.0
(324)	1988	6/16 14: 0	15.10 31	1.96 14.0	1.72 15.2	1.49 15.8	0.99 15.6
(325)	1988	6/16 16: 0	14.19 30	2.12 15.5	1.82 16.2	1.31 15.5	0.87 15.3
(326)	1988	6/16 18: 0	13.15 31	1.42 14.5	1.28 15.2	1.10 15.2	0.76 15.3
(327)	1988	6/16 20: 0	12.89 33	1.59 14.5	1.54 14.3	1.36 14.5	0.92 14.5
(328)	1988	6/16 22: 0	13.51 33	1.69 15.0	1.58 14.5	1.45 14.3	1.06 14.5
(329)	1988	6/17 0: 0	14.42 33	1.20 15.0	1.09 14.5	0.93 14.0	0.63 14.5
(330)	1988	6/17 2: 0	14.71 33	* 1.67 14.0	1.45 13.5	1.07 14.2	0.70 14.7
(331)	1988	6/17 4: 0	14.23 33	1.31 14.5	1.19 14.0	0.99 14.4	0.66 14.8
(332)	1988	6/17 6: 0	13.60 33	1.61 14.0	1.50 13.8	* 1.31 14.0	0.90 14.6



Table Frequency of Wave Height and Period (Kuta on Shore) 1988 3/ 5 10: 0 >> 1988 3/26 16: 0

H(m)/T(s)	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	22.0	TOTAL	(%)
0.0	285	492	570	552	475	407	308	238	228	176	170	124	102	80	77	55	40	25	21	17	52	4494	45.4
0.2	88	183	281	422	450	437	373	329	272	201	150	111	92	49	34	10	9	11	4	7	14	3537	35.8
0.4	12	16	50	118	158	175	145	150	133	111	85	56	43	29	17	4	5	4	2	1	4	1350	13.7
0.6	0	3	6	29	34	75	59	46	32	26	41	21	12	5	4	2	1	1	9	1	0	401	4.1
0.8	0	1	1	9	10	15	11	11	6	7	8	3	4	3	0	0	0	0	0	0	0	89	0.9
1.0	0	0	0	1	1	1	4	2	1	1	1	2	0	1	0	0	0	0	0	0	0	15	0.2
1.2	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	2	0.0
1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
1.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
1.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
2.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
2.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
2.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
2.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
2.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
3.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
3.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
3.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
3.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
3.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
4.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
4.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
4.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
4.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
4.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
5.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
5.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
5.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
5.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
6.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
6.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
6.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
6.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
7.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
7.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
7.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
7.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
8.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
8.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
8.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
8.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
9.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
9.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
9.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
9.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
9.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
TOTAL	385	695	918	1131	1148	1111	901	786	672	522	456	318	253	167	132	71	55	41	30	25	70	5888	100.0

(X) 3.9 7.0 9.3 11.4 11.6 11.2 9.1 7.9 6.8 5.9 4.6 3.2 2.6 1.7 1.3 0.7 0.6 0.4 0.1 0.3 0.7 0.0 0.0

Table Wave Calculated Result (Kuta on shore)

	DATE	TIME	DEPTH (N)	MAX	1/10	1/3	MEAN
( 1 )	1988	3/ 5 10: 0	0.00 0	* 0.00 0.0	0.00 0.0	* 0.00 0.0	0.00 0.0
( 2 )	1988	3/ 5 12: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 3 )	1988	3/ 5 14: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 4 )	1988	3/ 5 16: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 5 )	1988	3/ 5 18: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 6 )	1988	3/ 5 20: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 7 )	1988	3/ 5 22: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 8 )	1988	3/ 6 0: 0	0.00 0	* 0.00 0.0	0.00 0.0	* 0.00 0.0	0.00 0.0
( 9 )	1988	3/ 6 2: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 10 )	1988	3/ 6 4: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 11 )	1988	3/ 6 6: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 12 )	1988	3/ 6 8: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 13 )	1988	3/ 6 10: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 14 )	1988	3/ 6 12: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 15 )	1988	3/ 6 14: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 16 )	1988	3/ 6 16: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 17 )	1988	3/ 6 18: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 18 )	1988	3/ 6 20: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 19 )	1988	3/ 6 22: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 20 )	1988	3/ 7 0: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 21 )	1988	3/ 7 2: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 22 )	1988	3/ 7 4: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 23 )	1988	3/ 7 6: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 24 )	1988	3/ 7 8: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 25 )	1988	3/ 7 10: 0	0.17 20	* 0.06 4.5	0.06 6.5	* 0.06 5.8	0.05 5.5
( 26 )	1988	3/ 7 12: 0	0.27 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 27 )	1988	3/ 7 14: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 28 )	1988	3/ 7 16: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 29 )	1988	3/ 7 18: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 30 )	1988	3/ 7 20: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 31 )	1988	3/ 7 22: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 32 )	1988	3/ 8 0: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 33 )	1988	3/ 8 2: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 34 )	1988	3/ 8 4: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 35 )	1988	3/ 8 6: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 36 )	1988	3/ 8 8: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 37 )	1988	3/ 8 10: 0	0.14 6	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 38 )	1988	3/ 8 12: 0	2.47 58	* 0.77 11.5	0.67 9.7	* 0.60 9.6	0.44 8.4
( 39 )	1988	3/ 8 14: 0	2.10 59	0.71 10.0	0.61 9.3	0.50 10.6	0.34 8.1
( 40 )	1988	3/ 8 16: 0	1.07 37	0.19 13.0	0.16 14.5	0.15 14.5	0.11 11.1
( 41 )	1988	3/ 8 18: 0	0.25 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 42 )	1988	3/ 8 20: 0	0.35 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 43 )	1988	3/ 8 22: 0	1.33 53	0.34 13.5	0.31 10.3	0.26 12.1	0.19 8.4
( 44 )	1988	3/ 9 0: 0	2.03 72	0.76 7.5	0.62 9.1	0.49 8.9	0.35 6.8
( 45 )	1988	3/ 9 2: 0	1.87 64	0.62 7.0	0.53 7.6	0.43 8.4	0.31 7.5
( 46 )	1988	3/ 9 4: 0	1.04 28	0.22 14.0	0.19 11.7	0.17 11.3	0.12 9.1
( 47 )	1988	3/ 9 6: 0	0.32 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 48 )	1988	3/ 9 8: 0	0.50 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 49 )	1988	3/ 9 10: 0	1.53 67	0.43 13.5	0.36 10.1	0.30 9.0	0.21 7.3
( 50 )	1988	3/ 9 12: 0	2.39 56	* 0.92 7.0	0.71 10.1	0.59 10.4	0.42 8.9
( 51 )	1988	3/ 9 14: 0	2.26 63	0.86 10.5	0.71 10.8	* 0.60 9.8	0.42 7.0
( 52 )	1988	3/ 9 16: 0	1.33 56	0.36 6.0	0.32 9.3	0.27 10.1	0.19 8.4
( 53 )	1988	3/ 9 18: 0	0.39 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 54 )	1988	3/ 9 20: 0	0.23 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 55 )	1988	3/ 9 22: 0	1.03 43	0.24 13.0	0.17 13.1	0.14 10.1	0.11 8.5
( 56 )	1988	3/10 0: 0	1.77 72	0.48 6.5	0.42 9.4	0.37 8.5	0.25 6.8
( 57 )	1988	3/10 2: 0	1.80 66	0.56 7.0	0.48 8.7	0.40 8.5	0.27 7.4
( 58 )	1988	3/10 4: 0	1.16 48	0.23 10.5	0.21 11.8	0.19 11.0	0.14 8.7
( 59 )	1988	3/10 6: 0	0.48 5	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 60 )	1988	3/10 8: 0	0.46 2	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 61 )	1988	3/10 10: 0	1.32 68	0.28 8.0	0.25 8.5	0.22 8.4	0.17 7.1
( 62 )	1988	3/10 12: 0	2.17 59	0.70 9.0	0.60 11.0	* 0.48 9.1	0.34 8.3
( 63 )	1988	3/10 14: 0	2.29 58	* 0.72 12.0	0.58 10.8	0.47 9.9	0.32 8.5
( 64 )	1988	3/10 16: 0	1.55 58	0.45 9.5	0.35 9.5	0.29 10.4	0.21 8.0
( 65 )	1988	3/10 18: 0	0.56 5	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 66 )	1988	3/10 20: 0	0.30 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 67 )	1988	3/10 22: 0	0.78 29	0.17 10.0	0.14 14.0	0.12 11.4	0.10 11.1
( 68 )	1988	3/11 0: 0	1.42 68	0.34 8.5	0.30 9.7	0.25 8.4	0.18 7.2
( 69 )	1988	3/11 2: 0	1.65 69	0.45 8.0	0.40 10.5	0.35 8.9	0.25 7.1
( 70 )	1988	3/11 4: 0	1.24 61	0.35 11.0	0.28 11.1	0.23 11.5	0.16 8.0
( 71 )	1988	3/11 6: 0	0.68 16	0.09 22.0	0.08 17.8	0.07 15.0	0.05 13.9
( 72 )	1988	3/11 8: 0	0.55 4	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0

	DATE	TIME	DEPTH (N)	MAX	1/10	1/3	MEAN
( 73)	1988	3/11 10: 0	1.16 57	0.27 10.0	0.20 12.1	0.17 10.2	0.12 7.7
( 74)	1988	3/11 12: 0	1.93 64	0.77 7.5	0.57 8.8	0.48 8.9	0.33 7.6
( 75)	1988	3/11 14: 0	2.19 57	* 0.78 10.0	0.68 12.4	* 0.56 11.3	0.39 8.7
( 76)	1988	3/11 16: 0	1.78 60	0.62 11.5	0.54 11.4	0.43 10.2	0.30 8.3
( 77)	1988	3/11 18: 0	1.02 53	0.17 7.5	0.16 10.6	0.13 10.9	0.09 7.4
( 78)	1988	3/11 20: 0	0.52 8	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 79)	1988	3/11 22: 0	0.66 14	0.07 10.0	0.07 10.0	0.06 9.6	0.05 9.5
( 80)	1988	3/12 0: 0	1.11 57	0.30 13.5	0.22 11.5	0.19 10.4	0.13 8.4
( 81)	1988	3/12 2: 0	1.41 58	0.48 11.0	0.40 10.6	0.34 11.4	0.23 8.4
( 82)	1988	3/12 4: 0	1.21 67	0.33 12.5	0.30 10.9	0.26 9.3	0.17 7.2
( 83)	1988	3/12 6: 0	0.84 49	0.14 14.0	0.12 11.5	0.11 12.5	0.07 9.5
( 84)	1988	3/12 8: 0	0.71 19	0.10 25.0	0.09 24.6	0.08 15.8	0.07 11.0
( 85)	1988	3/12 10: 0	1.06 46	0.32 11.0	0.22 15.9	0.17 12.5	0.12 10.1
( 86)	1988	3/12 12: 0	1.64 61	0.59 13.0	0.51 12.7	0.41 11.0	0.28 8.1
( 87)	1988	3/12 14: 0	2.02 64	* 0.81 9.5	0.68 9.1	* 0.55 8.9	0.37 7.6
( 88)	1988	3/12 16: 0	1.81 56	0.63 12.0	0.59 10.0	0.51 9.1	0.34 8.6
( 89)	1988	3/12 18: 0	1.29 52	0.36 9.5	0.32 12.7	0.27 10.4	0.19 8.8
( 90)	1988	3/12 20: 0	0.81 34	0.12 11.0	0.11 14.8	0.10 14.4	0.07 10.1
( 91)	1988	3/12 22: 0	0.71 18	0.11 13.0	0.09 15.5	0.08 15.5	0.07 12.0
( 92)	1988	3/13 0: 0	0.90 48	0.17 14.0	0.14 13.5	0.12 12.3	0.09 10.2
( 93)	1988	3/13 2: 0	1.11 57	0.30 21.5	0.23 12.6	0.20 10.6	0.14 8.2
( 94)	1988	3/13 4: 0	1.11 58	0.31 11.0	0.27 11.3	0.22 11.2	0.15 8.5
( 95)	1988	3/13 6: 0	0.98 43	0.18 23.0	0.17 18.1	0.15 13.8	0.11 9.5
( 96)	1988	3/13 8: 0	0.89 51	0.15 9.0	0.14 12.7	0.12 11.0	0.08 8.4
( 97)	1988	3/13 10: 0	1.04 51	0.22 13.5	0.18 13.9	0.14 10.9	0.10 8.1
( 98)	1988	3/13 12: 0	1.39 54	0.37 14.0	0.33 11.4	0.28 10.3	0.19 7.6
( 99)	1988	3/13 14: 0	1.74 72	0.71 11.0	0.55 8.6	0.40 8.8	0.27 6.9
(100)	1988	3/13 16: 0	1.82 58	* 0.94 11.0	0.65 10.1	* 0.52 9.9	0.35 8.5
(101)	1988	3/13 18: 0	1.59 51	0.56 10.5	0.50 9.8	0.42 10.8	0.29 9.4
(102)	1988	3/13 20: 0	1.23 54	0.32 9.5	0.28 11.5	0.23 10.8	0.17 9.1
(103)	1988	3/13 22: 0	0.93 53	0.17 23.0	0.15 13.5	0.12 12.8	0.09 9.2
(104)	1988	3/14 0: 0	0.78 42	0.12 8.0	0.11 14.5	0.09 14.0	0.07 11.3
(105)	1988	3/14 2: 0	0.85 45	0.13 16.0	0.13 14.9	0.12 13.4	0.09 9.8
(106)	1988	3/14 4: 0	0.95 44	0.19 8.5	0.18 12.1	0.15 13.0	0.11 9.7
(107)	1988	3/14 6: 0	1.07 53	0.23 8.5	0.22 10.4	0.18 12.2	0.13 9.2
(108)	1988	3/14 8: 0	1.13 52	0.28 9.5	0.25 10.7	0.20 12.3	0.14 9.4
(109)	1988	3/14 10: 0	1.18 60	0.34 7.5	0.27 11.5	0.22 11.0	0.15 8.1
(110)	1988	3/14 12: 0	1.22 58	0.33 11.0	0.28 10.3	0.23 10.7	0.15 8.3
(111)	1988	3/14 14: 0	1.37 65	0.38 9.5	0.32 8.8	0.27 7.8	0.20 7.5
(112)	1988	3/14 16: 0	1.56 57	0.35 13.0	0.34 11.3	0.31 10.5	0.23 8.7
(113)	1988	3/14 18: 0	1.70 51	0.53 10.5	0.43 9.5	0.34 9.6	0.25 9.5
(114)	1988	3/14 20: 0	1.64 62	* 0.57 8.5	0.49 9.3	* 0.38 9.8	0.26 7.9
(115)	1988	3/14 22: 0	1.29 49	0.35 10.0	0.30 10.1	0.26 11.7	0.17 9.3
(116)	1988	3/15 0: 0	0.79 31	0.10 24.0	0.11 17.0	0.09 13.1	0.06 10.1
(117)	1988	3/15 2: 0	0.53 8	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(118)	1988	3/15 4: 0	0.70 38	0.09 16.0	0.09 14.4	0.08 14.5	0.06 11.3
(119)	1988	3/15 6: 0	1.06 65	0.21 9.0	0.17 9.6	0.15 9.6	0.11 7.5
(120)	1988	3/15 8: 0	1.35 52	0.37 12.5	0.31 11.0	0.25 10.4	0.18 9.5
(121)	1988	3/15 10: 0	1.37 60	0.30 9.0	0.25 11.8	0.21 10.2	0.15 8.3
(122)	1988	3/15 12: 0	1.17 67	0.28 9.0	0.22 9.5	0.19 9.8	0.13 7.2
(123)	1988	3/15 14: 0	1.03 67	0.18 17.0	0.17 11.8	0.14 9.7	0.10 7.3
(124)	1988	3/15 16: 0	1.23 74	0.34 7.5	0.29 9.2	0.22 8.4	0.14 6.6
(125)	1988	3/15 18: 0	1.65 58	0.54 11.0	0.45 10.0	0.39 9.7	0.28 8.4
(126)	1988	3/15 20: 0	1.97 57	* 0.70 11.5	0.64 11.3	* 0.55 10.2	0.37 8.6
(127)	1988	3/15 22: 0	1.73 59	0.55 11.0	0.51 9.8	0.42 10.1	0.28 8.2
(128)	1988	3/16 0: 0	1.04 57	0.21 10.5	0.19 11.3	0.17 11.7	0.11 8.1
(129)	1988	3/16 2: 0	0.42 4	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(130)	1988	3/16 4: 0	0.38 3	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(131)	1988	3/16 6: 0	0.98 66	0.22 12.0	0.19 10.6	0.16 9.3	0.12 7.4
(132)	1988	3/16 8: 0	1.60 63	0.61 8.5	0.44 9.5	0.34 9.5	0.22 7.9
(133)	1988	3/16 10: 0	1.75 60	0.62 12.0	0.54 11.1	0.44 10.3	0.30 8.1
(134)	1988	3/16 12: 0	1.31 68	0.35 8.5	0.30 11.1	0.26 10.1	0.17 7.2
(135)	1988	3/16 14: 0	0.79 41	0.14 14.5	0.12 14.5	0.10 12.7	0.08 10.5
(136)	1988	3/16 16: 0	0.81 39	0.13 24.0	0.12 17.5	0.11 14.5	0.08 10.6
(137)	1988	3/16 18: 0	1.46 66	0.56 8.5	0.40 11.1	0.33 10.0	0.22 7.5
(138)	1988	3/16 20: 0	2.09 52	0.75 9.5	0.64 9.4	* 0.53 9.2	0.38 7.8
(139)	1988	3/16 22: 0	2.15 57	* 0.76 10.5	0.60 9.3	0.51 9.9	0.37 8.6
(140)	1988	3/17 0: 0	1.40 65	0.35 9.0	0.32 8.9	0.28 9.3	0.19 7.5
(141)	1988	3/17 2: 0	0.47 2	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(142)	1988	3/17 4: 0	0.14 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(143)	1988	3/17 6: 0	0.79 33	0.20 17.5	0.18 16.0	0.15 10.3	0.12 8.1
(144)	1988	3/17 8: 0	1.69 63	0.48 8.5	0.45 11.8	0.40 10.0	0.26 7.8

	DATE	TIME	DEPTH (M)	MAX	1/10	1/3	MEAN
(218)	1988	3/23 12: 0	2.34 57	* 1.23 12.0	1.01 11.9	* 0.79 11.8	0.53 8.7
(219)	1988	3/23 14: 0	2.26 55	0.87 14.5	0.81 12.4	0.71 11.5	0.47 8.8
(220)	1988	3/23 16: 0	1.35 58	0.48 9.5	0.40 11.4	0.33 9.6	0.21 7.1
(221)	1988	3/23 18: 0	0.36 37	0.07 25.0	0.06 18.6	0.05 11.5	0.04 7.8
(222)	1988	3/23 20: 0	0.10 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(223)	1988	3/23 22: 0	0.78 48	0.18 17.5	0.17 12.9	0.15 10.8	0.11 7.8
(224)	1988	3/24 0: 0	1.54 73	0.45 17.5	0.42 10.1	0.36 8.6	0.26 6.7
(225)	1988	3/24 2: 0	1.69 74	0.77 13.0	0.64 9.1	0.49 8.1	0.33 6.6
(226)	1988	3/24 4: 0	1.15 70	0.32 9.5	0.29 11.4	0.24 9.9	0.16 7.0
(227)	1988	3/24 6: 0	0.55 27	0.08 12.0	0.07 15.5	0.06 15.0	0.06 10.6
(228)	1988	3/24 8: 0	0.52 17	0.09 19.0	0.09 19.0	0.09 18.8	0.07 12.1
(229)	1988	3/24 10: 0	1.28 77	0.50 6.0	0.39 8.1	0.31 8.7	0.21 6.3
(230)	1988	3/24 12: 0	2.06 77	0.70 12.5	0.64 8.6	0.58 7.7	0.43 6.4
(231)	1988	3/24 14: 0	2.24 69	* 1.11 9.0	0.92 8.2	* 0.74 8.6	0.51 7.1
(232)	1988	3/24 16: 0	1.57 75	0.76 6.5	0.61 6.8	0.52 6.7	0.36 6.5
(233)	1988	3/24 18: 0	0.76 57	0.19 7.0	0.15 14.7	0.12 11.6	0.08 7.5
(234)	1988	3/24 20: 0	0.40 21	0.07 18.5	0.07 20.6	0.05 16.6	0.04 14.6
(235)	1988	3/24 22: 0	0.75 42	0.24 10.5	0.22 11.6	0.19 12.3	0.14 9.2
(236)	1988	3/25 0: 0	1.37 69	0.58 5.5	0.49 8.0	0.39 8.7	0.27 7.2
(237)	1988	3/25 2: 0	1.60 87	0.68 6.0	0.59 6.9	0.49 7.1	0.31 5.5
(238)	1988	3/25 4: 0	1.32 80	0.55 7.5	0.41 6.5	0.34 7.1	0.24 6.2
(239)	1988	3/25 6: 0	0.95 80	0.26 11.5	0.23 9.6	0.20 8.8	0.14 6.1
(240)	1988	3/25 8: 0	0.83 66	0.20 15.0	0.18 11.0	0.15 11.4	0.11 7.4
(241)	1988	3/25 10: 0	1.31 72	0.55 7.0	0.49 8.3	0.41 8.0	0.30 6.4
(242)	1988	3/25 12: 0	1.89 79	0.98 6.5	0.84 7.1	0.70 7.5	0.49 6.2
(243)	1988	3/25 14: 0	2.13 70	* 1.18 10.5	1.03 10.2	* 0.87 9.6	0.57 7.0
(244)	1988	3/25 16: 0	1.80 76	0.95 9.5	0.73 8.1	0.61 8.5	0.43 6.4
(245)	1988	3/25 18: 0	1.25 83	0.43 11.0	0.38 8.4	0.31 8.3	0.22 6.9
(246)	1988	3/25 20: 0	0.84 57	0.25 15.5	0.21 12.8	0.17 10.6	0.12 7.5
(247)	1988	3/25 22: 0	0.93 58	0.29 9.0	0.22 13.1	0.18 10.8	0.13 7.5
(248)	1988	3/26 0: 0	1.27 79	0.51 9.5	0.39 8.1	0.32 7.9	0.22 6.1
(249)	1988	3/26 2: 0	1.51 82	0.70 7.5	0.54 8.4	0.44 9.0	0.29 6.0
(250)	1988	3/26 4: 0	1.45 82	0.51 13.0	0.46 9.2	0.39 8.3	0.27 6.0
(251)	1988	3/26 6: 0	1.24 75	0.46 7.0	0.38 8.4	0.33 8.4	0.23 6.4
(252)	1988	3/26 8: 0	1.13 79	0.52 5.5	0.38 7.3	0.29 7.8	0.20 5.9
(253)	1988	3/26 10: 0	1.39 70	0.69 9.0	0.52 7.9	0.41 9.2	0.29 6.9
(254)	1988	3/26 12: 0	1.74 67	* 0.84 9.0	0.71 9.2	* 0.61 9.1	0.45 7.2
(255)	1988	3/26 14: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(256)	1988	3/26 16: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0

Table Frequency of Wave Height and Period (Kuta on shore) 1988 3/26 14: 0 >> 1988 4/23 0: 0

H(m)/T(s)	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	22.0	TOTAL	(%)	
0.0	514	761	773	512	528	363	269	214	165	134	103	64	73	65	46	40	29	29	27	20	76	4896	29.7	
0.2	223	574	663	833	804	729	508	482	355	279	202	157	125	87	60	63	46	38	25	14	53	6380	38.7	
0.4	34	93	186	367	446	457	373	322	265	190	145	90	77	51	33	29	14	17	7	11	14	3221	19.5	
0.6	7	13	42	110	166	223	205	145	127	111	84	60	35	24	20	11	7	4	3	7	7	1411	8.5	
0.8	4	1	8	37	55	75	48	43	43	36	29	27	17	11	6	2	3	1	1	1	2	450	2.7	
1.0	1	1	5	8	11	10	9	14	9	12	8	7	3	0	3	1	0	2	1	0	0	105	0.6	
1.2	0	0	0	0	1	4	1	1	0	4	6	1	0	0	0	0	0	0	0	0	0	20	0.1	
1.4	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0.0	
1.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
1.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
2.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
2.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
2.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
2.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
2.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
3.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
3.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
3.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
3.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
3.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
4.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
4.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
4.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
4.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
4.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
5.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
5.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
5.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
5.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
6.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
6.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
6.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
6.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
7.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
7.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
7.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.0	
7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
7.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
8.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
8.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
8.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
8.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
9.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
9.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
9.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
9.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
9.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
10.0	3	2	1	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	9	0.1
TOTAL	785	1395	1678	1969	2013	1861	1514	1222	964	766	577	406	331	230	168	146	99	91	64	53	153	16495	100.0	

(%) 1.8 8.5 10.2 11.9 12.2 11.7 9.2 7.4 5.8 4.6 3.5 2.5 2.0 1.1 1.0 0.9 0.6 0.6 0.1 0.3 0.0 0.0 100.0

Table Frequency of Wave Height and Period (Kuta on shore)

	DATE	TIME	DEPTH (M)	MAX	1/10	1/3	MEAN	
( 1 )	1988	3/26	14: 0	1.95 70	1.19 11.0	0.94 9.0	* 0.72 9.0	0.48 7.0
( 2 )	1988	3/26	16: 0	1.81 65	0.96 9.0	0.82 10.5	0.63 9.4	0.43 7.6
( 3 )	1988	3/26	18: 0	1.48 73	0.61 9.5	0.56 7.9	0.46 8.5	0.29 6.7
( 4 )	1988	3/26	20: 0	1.17 69	0.36 19.5	0.32 10.2	0.29 9.1	0.21 7.1
( 5 )	1988	3/26	22: 0	1.07 68	0.34 7.5	0.27 9.8	0.24 8.9	0.17 7.3
( 6 )	1988	3/27	0: 0	1.11 67	0.40 4.5	0.31 9.6	0.26 9.7	0.18 7.2
( 7 )	1988	3/27	2: 0	1.19 64	0.47 10.5	0.39 9.0	0.32 8.8	0.22 7.6
( 8 )	1988	3/27	4: 0	1.23 66	0.48 5.0	0.36 10.2	0.30 9.4	0.21 7.3
( 9 )	1988	3/27	6: 0	1.22 67	0.40 14.0	0.35 11.9	0.30 9.0	0.21 7.0
( 10 )	1988	3/27	8: 0	1.26 71	0.40 8.5	0.36 10.6	0.30 9.6	0.21 6.9
( 11 )	1988	3/27	10: 0	1.37 67	0.55 10.5	0.47 9.2	0.37 8.6	0.25 7.1
( 12 )	1988	3/27	12: 0	1.51 78	0.61 9.5	0.50 7.8	0.41 8.1	0.30 6.3
( 13 )	1988	3/27	14: 0	1.59 76	0.59 8.0	0.51 8.6	0.44 8.2	0.30 6.4
( 14 )	1988	3/27	16: 0	1.65 66	0.70 10.5	0.59 9.3	0.51 9.2	0.37 7.4
( 15 )	1988	3/27	18: 0	1.62 64	0.67 10.5	0.64 9.6	* 0.51 9.5	0.35 7.6
( 16 )	1988	3/27	20: 0	1.51 69	* 0.70 9.0	0.59 9.1	0.47 9.1	0.31 7.2
( 17 )	1988	3/27	22: 0	1.30 62	0.53 10.5	0.47 8.8	0.37 10.1	0.24 7.9
( 18 )	1988	3/28	0: 0	1.08 68	0.35 8.5	0.29 10.4	0.24 10.5	0.17 7.3
( 19 )	1988	3/28	2: 0	1.07 61	0.45 10.5	0.33 13.7	0.26 10.8	0.18 8.0
( 20 )	1988	3/28	4: 0	1.17 62	0.45 8.0	0.36 9.9	0.30 10.5	0.21 7.7
( 21 )	1988	3/28	6: 0	1.36 62	0.66 9.0	0.56 10.8	0.44 10.1	0.31 7.8
( 22 )	1988	3/28	8: 0	1.54 69	0.67 7.0	0.61 8.4	0.51 9.1	0.37 7.1
( 23 )	1988	3/28	10: 0	1.57 77	0.76 7.0	0.60 9.0	0.49 7.9	0.34 6.4
( 24 )	1988	3/28	12: 0	1.48 74	0.68 8.5	0.50 10.3	0.41 9.3	0.28 6.7
( 25 )	1988	3/28	14: 0	1.40 72	0.52 11.0	0.46 10.5	0.39 9.2	0.26 6.4
( 26 )	1988	3/28	16: 0	1.55 72	0.75 6.0	0.67 8.5	0.56 8.4	0.36 6.3
( 27 )	1988	3/28	18: 0	1.71 78	* 0.87 9.0	0.68 9.8	0.56 8.3	0.38 6.4
( 28 )	1988	3/28	20: 0	1.85 76	0.82 10.5	0.77 8.9	* 0.68 8.4	0.47 6.4
( 29 )	1988	3/28	22: 0	1.62 71	0.64 7.0	0.57 8.6	* 0.47 8.2	0.33 6.8
( 30 )	1988	3/29	0: 0	1.26 71	0.52 9.5	0.42 8.9	0.34 8.1	0.25 6.4
( 31 )	1988	3/29	2: 0	1.02 64	0.34 24.0	0.31 13.9	0.25 12.2	0.17 7.5
( 32 )	1988	3/29	4: 0	1.12 73	0.39 7.5	0.34 9.9	0.28 8.6	0.19 6.6
( 33 )	1988	3/29	6: 0	1.50 66	0.73 7.0	0.55 9.1	0.46 9.1	0.32 7.5
( 34 )	1988	3/29	8: 0	1.86 66	0.87 8.0	0.79 9.1	0.65 8.8	0.44 7.4
( 35 )	1988	3/29	10: 0	1.87 64	0.69 13.5	0.65 8.5	0.54 8.7	0.38 7.5
( 36 )	1988	3/29	12: 0	1.61 66	0.56 15.0	0.50 9.9	0.41 8.6	0.29 7.4
( 37 )	1988	3/29	14: 0	1.36 65	0.51 5.5	0.47 8.1	0.37 8.5	0.25 7.6
( 38 )	1988	3/29	16: 0	1.43 75	0.71 6.5	0.55 8.3	0.44 8.7	0.29 6.5
( 39 )	1988	3/29	18: 0	1.81 77	0.77 8.0	0.69 9.7	0.60 8.4	0.39 6.3
( 40 )	1988	3/29	20: 0	2.12 64	1.03 8.0	0.92 11.1	* 0.81 10.0	0.57 7.6
( 41 )	1988	3/29	22: 0	2.03 74	* 1.35 5.5	0.92 7.6	0.73 8.0	0.50 6.4
( 42 )	1988	3/30	0: 0	1.52 84	0.66 7.5	0.59 8.4	0.46 7.9	0.31 5.8
( 43 )	1988	3/30	2: 0	1.00 65	0.29 24.5	0.27 11.8	0.23 11.3	0.15 7.0
( 44 )	1988	3/30	4: 0	0.99 69	0.45 17.5	0.33 9.1	0.26 10.9	0.18 7.0
( 45 )	1988	3/30	6: 0	1.48 73	0.71 6.0	0.57 9.1	0.47 8.5	0.33 6.7
( 46 )	1988	3/30	8: 0	1.97 67	1.06 8.0	0.87 8.4	0.74 9.2	0.55 7.3
( 47 )	1988	3/30	10: 0	2.09 70	* 1.27 7.0	0.99 9.4	0.82 8.6	0.58 7.0
( 48 )	1988	3/30	12: 0	1.71 71	0.89 6.0	0.71 10.2	0.59 9.3	0.39 6.9
( 49 )	1988	3/30	14: 0	1.26 59	0.59 5.5	0.44 11.3	0.36 9.6	0.24 7.0
( 50 )	1988	3/30	16: 0	1.18 75	0.46 11.0	0.39 7.1	0.32 8.6	0.21 6.6
( 51 )	1988	3/30	18: 0	1.60 80	0.84 13.0	0.65 8.1	0.51 7.8	0.34 6.0
( 52 )	1988	3/30	20: 0	2.16 67	1.17 8.0	1.01 9.3	* 0.90 8.7	0.65 7.4
( 53 )	1988	3/30	22: 0	2.22 64	1.10 20.5	1.00 9.9	0.85 9.2	0.60 7.7
( 54 )	1988	3/31	0: 0	1.66 66	0.93 7.0	0.78 8.7	0.62 9.0	0.44 7.5
( 55 )	1988	3/31	2: 0	1.04 70	0.30 15.5	0.28 13.3	0.23 10.5	0.16 7.0
( 56 )	1988	3/31	4: 0	0.85 53	0.39 6.5	0.29 11.6	0.22 10.2	0.15 7.9
( 57 )	1988	3/31	6: 0	1.38 82	0.67 11.5	0.55 9.2	0.42 8.0	0.31 5.9
( 58 )	1988	3/31	8: 0	2.10 63	1.18 6.0	0.95 7.1	0.78 8.2	0.58 7.8
( 59 )	1988	3/31	10: 0	2.36 65	* 1.24 8.0	1.11 11.5	* 0.91 10.5	0.64 7.5
( 60 )	1988	3/31	12: 0	1.89 69	0.87 6.5	0.78 7.5	0.68 8.0	0.47 7.2
( 61 )	1988	3/31	14: 0	1.20 58	0.52 7.5	0.38 11.1	0.33 11.6	0.22 7.9
( 62 )	1988	3/31	16: 0	0.91 59	0.27 6.5	0.23 9.3	0.18 9.5	0.13 7.6
( 63 )	1988	3/31	18: 0	1.39 63	0.59 8.0	0.60 9.3	0.44 8.6	0.31 7.8
( 64 )	1988	3/31	20: 0	2.14 66	1.03 11.0	0.90 10.1	0.74 8.5	0.51 7.3
( 65 )	1988	3/31	22: 0	2.41 65	1.07 10.5	0.95 9.4	0.82 8.8	0.55 7.6
( 66 )	1988	4/ 1	0: 0	1.89 62	0.92 16.5	0.76 9.8	0.64 9.3	0.46 7.8
( 67 )	1988	4/ 1	2: 0	1.06 56	0.29 9.0	0.27 8.2	0.24 9.9	0.17 7.3
( 68 )	1988	4/ 1	4: 0	0.65 19	0.12 12.5	0.12 13.3	0.11 14.3	0.08 9.3
( 69 )	1988	4/ 1	6: 0	1.12 67	0.54 8.0	0.40 8.8	0.32 8.3	0.23 6.7
( 70 )	1988	4/ 1	8: 0	2.00 66	* 1.16 7.0	0.89 10.0	0.73 8.9	0.51 7.5
( 71 )	1988	4/ 1	10: 0	2.42 64	1.09 9.5	1.01 9.1	* 0.89 8.5	0.63 7.6

	DATE	TIME	DEPTH (N)	MAX	1/10	1/3	MIKAN
(72)	1988	4/ 1 12: 0	2.04 76	0.90 10.5	0.78 8.4	0.70 7.8	0.50 6.4
(73)	1988	4/ 1 14: 0	1.19 68	0.46 8.5	0.40 13.2	0.31 11.4	0.20 7.2
(74)	1988	4/ 1 16: 0	0.66 26	0.20 23.0	0.16 18.3	0.12 14.3	0.09 10.3
(75)	1988	4/ 1 18: 0	1.03 43	0.41 18.0	0.36 13.1	0.29 11.4	0.21 8.3
(76)	1988	4/ 1 20: 0	1.92 65	0.99 6.0	0.77 7.8	0.63 9.0	0.43 7.5
(77)	1988	4/ 1 22: 0	2.42 65	0.94 9.0	0.83 9.9	0.69 8.9	0.49 7.6
(78)	1988	4/ 2 0: 0	2.03 62	0.89 6.5	0.80 10.8	0.67 10.2	0.47 8.0
(79)	1988	4/ 2 2: 0	1.13 48	0.46 24.0	0.35 13.0	0.27 11.5	0.18 8.4
(80)	1988	4/ 2 4: 0	0.64 9	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(81)	1988	4/ 2 6: 0	0.85 40	0.29 23.0	0.25 16.0	0.21 10.0	0.16 7.7
(82)	1988	4/ 2 8: 0	1.88 73	0.86 6.5	0.66 9.6	0.55 7.8	0.38 6.7
(83)	1988	4/ 2 10: 0	2.54 58	0.98 21.5	0.92 12.8	0.81 11.0	0.57 8.3
(84)	1988	4/ 2 12: 0	2.22 62	1.06 6.5	0.92 9.3	0.74 9.7	0.51 8.0
(85)	1988	4/ 2 14: 0	1.25 66	0.50 8.5	0.37 10.6	0.30 10.3	0.20 7.3
(86)	1988	4/ 2 16: 0	0.53 10	0.07 13.0	0.07 13.0	0.06 13.7	0.05 11.9
(87)	1988	4/ 2 18: 0	0.73 35	0.21 6.0	0.18 12.9	0.16 11.8	0.12 9.4
(88)	1988	4/ 2 20: 0	1.72 59	0.66 10.5	0.61 10.4	0.51 9.6	0.38 8.1
(89)	1988	4/ 2 22: 0	2.45 63	* 1.42 9.0	1.06 8.8	* 0.83 9.2	0.56 7.8
(90)	1988	4/ 3 0: 0	2.26 59	1.08 9.0	0.85 9.8	0.74 9.4	0.51 8.2
(91)	1988	4/ 3 2: 0	1.32 57	0.54 10.0	0.43 13.8	0.36 11.3	0.25 9.7
(92)	1988	4/ 3 4: 0	0.57 17	0.10 11.0	0.09 17.3	0.08 18.0	0.05 12.6
(93)	1988	4/ 3 6: 0	0.74 29	0.37 16.0	0.27 10.3	0.19 8.7	0.13 8.4
(94)	1988	4/ 3 8: 0	1.75 67	0.82 6.5	0.69 11.8	0.56 9.4	0.39 7.4
(95)	1988	4/ 3 10: 0	2.69 54	1.12 9.5	1.04 10.2	* 0.87 10.1	0.60 9.1
(96)	1988	4/ 3 12: 0	2.43 64	* 1.25 6.0	0.97 7.7	0.77 9.3	0.53 7.6
(97)	1988	4/ 3 14: 0	1.44 65	0.57 9.0	0.46 10.2	0.39 8.8	0.27 7.1
(98)	1988	4/ 3 16: 0	0.51 5	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(99)	1988	4/ 3 18: 0	0.44 1	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(100)	1988	4/ 3 20: 0	1.40 73	0.57 15.5	0.47 10.4	0.38 9.0	0.26 6.8
(101)	1988	4/ 3 22: 0	2.30 68	1.24 11.0	0.99 9.6	0.82 8.4	0.55 7.1
(102)	1988	4/ 4 0: 0	2.32 69	0.81 11.5	0.76 10.2	0.62 9.8	0.42 6.9
(103)	1988	4/ 4 2: 0	1.46 62	0.55 10.0	0.51 11.6	0.40 9.6	0.27 7.4
(104)	1988	4/ 4 4: 0	0.61 16	0.10 20.6	0.09 21.8	0.08 18.2	0.05 10.9
(105)	1988	4/ 4 6: 0	0.60 12	0.12 13.5	0.12 13.5	0.10 9.6	0.09 9.5
(106)	1988	4/ 4 8: 0	1.53 67	0.54 6.0	0.48 9.1	0.43 9.2	0.30 7.3
(107)	1988	4/ 4 10: 0	2.54 65	0.86 8.5	0.69 10.1	0.59 9.1	0.43 7.5
(108)	1988	4/ 4 12: 0	2.53 64	* 0.88 10.0	0.83 11.9	* 0.70 11.3	0.51 9.2
(109)	1988	4/ 4 14: 0	1.57 56	0.74 9.5	0.56 13.5	0.48 10.2	0.32 8.2
(110)	1988	4/ 4 16: 0	0.50 5	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(111)	1988	4/ 4 18: 0	0.19 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(112)	1988	4/ 4 20: 0	1.01 67	0.28 11.0	0.24 13.2	0.19 9.4	0.14 7.6
(113)	1988	4/ 4 22: 0	2.05 65	0.80 11.5	0.75 8.7	0.62 9.7	0.41 7.5
(114)	1988	4/ 5 0: 0	2.31 64	0.83 11.0	0.80 9.5	0.66 9.7	0.44 7.7
(115)	1988	4/ 5 2: 0	1.67 60	0.72 7.5	0.59 10.5	0.46 9.9	0.30 8.1
(116)	1988	4/ 5 4: 0	0.69 37	0.10 21.0	0.10 14.4	0.08 12.9	0.06 8.6
(117)	1988	4/ 5 6: 0	0.50 13	0.12 15.0	0.12 15.0	0.10 19.3	0.07 15.5
(118)	1988	4/ 5 8: 0	1.38 73	0.41 7.0	0.37 8.5	0.30 8.7	0.21 6.3
(119)	1988	4/ 5 10: 0	2.46 61	1.06 7.5	0.88 9.8	0.73 9.6	0.53 8.1
(120)	1988	4/ 5 12: 0	2.71 60	1.04 16.5	0.94 11.8	* 0.85 10.1	0.66 8.2
(121)	1988	4/ 5 14: 0	1.88 66	* 1.08 5.5	0.83 7.4	0.67 8.0	0.44 7.5
(122)	1988	4/ 5 16: 0	0.75 29	0.24 20.5	0.18 17.7	0.14 13.6	0.09 9.2
(123)	1988	4/ 5 18: 0	0.19 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(124)	1988	4/ 5 20: 0	0.78 31	0.25 6.5	0.24 12.8	0.20 9.8	0.15 8.8
(125)	1988	4/ 5 22: 0	1.81 66	0.80 15.0	0.70 8.3	0.58 9.5	0.40 7.4
(126)	1988	4/ 6 0: 0	2.27 71	1.17 6.0	0.86 8.3	0.66 8.4	0.47 6.8
(127)	1988	4/ 6 2: 0	1.74 66	0.76 12.5	0.66 7.6	0.58 8.2	0.42 7.4
(128)	1988	4/ 6 4: 0	0.89 32	0.26 11.0	0.22 12.3	0.16 10.3	0.12 7.5
(129)	1988	4/ 6 6: 0	0.62 14	0.10 14.0	0.10 14.0	0.08 10.8	0.06 11.8
(130)	1988	4/ 6 8: 0	1.19 61	0.54 17.5	0.44 10.5	0.35 9.7	0.26 6.7
(131)	1988	4/ 6 10: 0	2.21 59	* 1.33 6.0	0.96 10.3	0.77 10.0	0.53 8.2
(132)	1988	4/ 6 12: 0	2.70 57	1.26 7.0	1.07 9.9	* 0.94 9.7	0.73 8.5
(133)	1988	4/ 6 14: 0	2.05 53	0.89 14.0	0.81 12.3	0.66 11.7	0.46 9.2
(134)	1988	4/ 6 16: 0	0.95 31	0.20 17.5	0.19 9.8	0.18 9.2	0.14 7.3
(135)	1988	4/ 6 18: 0	0.23 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(136)	1988	4/ 6 20: 0	0.61 6	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(137)	1988	4/ 6 22: 0	1.48 56	0.72 22.5	0.62 12.2	0.46 10.6	0.31 8.4
(138)	1988	4/ 7 0: 0	2.14 62	1.04 7.0	0.84 8.3	0.71 8.7	0.52 7.8
(139)	1988	4/ 7 2: 0	1.81 59	0.79 7.0	0.66 10.0	0.54 10.4	0.37 7.9
(140)	1988	4/ 7 4: 0	1.08 56	0.36 11.5	0.31 12.7	0.24 9.6	0.16 7.2
(141)	1988	4/ 7 6: 0	0.61 17	0.09 8.0	0.09 11.8	0.08 14.3	0.06 8.9
(142)	1988	4/ 7 8: 0	1.01 36	0.29 10.5	0.27 13.9	0.23 11.3	0.18 8.3
(143)	1988	4/ 7 10: 0	2.01 57	0.85 11.0	0.78 9.7	0.66 9.5	0.48 8.0
(144)	1988	4/ 7 12: 0	2.65 55	* 1.44 8.0	1.22 9.6	* 0.95 10.1	0.63 8.8

	DATE	TIME	DEPTH (M)	MAX	1/10	1/3	MEAN
(145)	1988	4/ 7 14: 0	2.26 64	1.05 7.5	0.86 8.4	0.71 8.3	0.49 7.7
(146)	1988	4/ 7 16: 0	1.24 58	0.54 13.0	0.36 12.6	0.27 10.1	0.18 7.6
(147)	1988	4/ 7 18: 0	0.39 7	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(148)	1988	4/ 7 20: 0	0.36 4	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(149)	1988	4/ 7 22: 0	1.16 66	0.51 16.0	0.37 12.3	0.30 10.3	0.22 7.5
(150)	1988	4/ 8 0: 0	1.84 62	0.97 7.0	0.81 6.6	0.64 8.9	0.46 7.7
(151)	1988	4/ 8 2: 0	1.78 65	0.76 7.0	0.66 8.4	0.56 8.5	0.39 7.5
(152)	1988	4/ 8 4: 0	1.16 66	0.40 9.6	0.33 15.8	0.26 13.7	0.17 8.8
(153)	1988	4/ 8 6: 0	0.69 26	0.20 24.5	0.14 19.8	0.11 17.7	0.07 10.1
(154)	1988	4/ 8 8: 0	0.89 36	0.34 19.0	0.30 15.1	0.24 12.7	0.17 9.5
(155)	1988	4/ 8 10: 0	1.71 66	1.09 6.0	0.71 8.1	0.57 8.1	0.37 7.0
(156)	1988	4/ 8 12: 0	2.42 64	* 1.17 14.0	0.96 8.8	* 0.81 8.8	0.56 7.4
(157)	1988	4/ 8 14: 0	2.31 61	1.13 5.5	0.88 8.5	0.74 9.5	0.58 7.9
(158)	1988	4/ 8 16: 0	1.50 54	0.60 8.5	0.50 9.5	0.39 10.6	0.28 7.8
(159)	1988	4/ 8 18: 0	0.73 26	0.17 26.0	0.16 17.2	0.13 13.6	0.09 9.3
(160)	1988	4/ 8 20: 0	0.48 15	0.05 17.5	0.06 12.5	0.06 14.0	0.04 9.3
(161)	1988	4/ 8 22: 0	0.97 43	0.33 22.0	0.28 14.1	0.22 10.6	0.16 7.5
(162)	1988	4/ 9 0: 0	1.60 60	0.84 5.5	0.64 9.9	0.51 9.9	0.35 7.8
(163)	1988	4/ 9 2: 0	1.73 69	0.80 13.5	0.69 11.3	0.58 10.8	0.39 8.2
(164)	1988	4/ 9 4: 0	1.36 43	0.66 7.5	0.52 12.4	0.41 11.5	0.27 8.8
(165)	1988	4/ 9 6: 0	0.99 44	0.27 7.5	0.25 10.1	0.21 10.1	0.15 7.2
(166)	1988	4/ 9 8: 0	0.94 41	0.20 6.0	0.18 12.3	0.16 11.1	0.10 7.6
(167)	1988	4/ 9 10: 0	1.49 64	0.67 12.0	0.61 11.7	0.42 10.1	0.28 7.6
(168)	1988	4/ 9 12: 0	2.14 66	1.01 9.0	0.87 9.5	0.71 9.7	0.45 7.4
(169)	1988	4/ 9 14: 0	2.27 66	* 1.11 9.0	0.86 7.8	* 0.71 9.0	0.49 7.6
(170)	1988	4/ 9 16: 0	1.77 68	0.78 11.0	0.71 7.8	0.66 8.7	0.36 7.3
(171)	1988	4/ 9 18: 0	1.07 54	0.40 11.0	0.33 10.3	0.26 10.3	0.17 8.5
(172)	1988	4/ 9 20: 0	0.69 24	0.13 20.5	0.12 15.5	0.10 13.9	0.07 9.7
(173)	1988	4/ 9 22: 0	0.80 31	0.16 8.5	0.14 12.7	0.12 13.8	0.08 9.5
(174)	1988	4/10 0: 0	1.30 72	0.50 9.0	0.36 10.6	0.30 8.5	0.22 6.5
(175)	1988	4/10 2: 0	1.53 73	0.52 11.0	0.47 9.1	0.37 9.0	0.26 6.7
(176)	1988	4/10 4: 0	1.37 66	0.52 11.5	0.46 10.5	0.37 9.7	0.25 7.3
(177)	1988	4/10 6: 0	1.08 77	0.32 8.0	0.27 9.9	0.22 9.2	0.15 6.4
(178)	1988	4/10 8: 0	1.01 51	0.28 10.5	0.26 14.9	0.20 12.4	0.14 8.9
(179)	1988	4/10 10: 0	1.29 63	0.38 17.0	0.34 10.8	0.29 10.4	0.21 7.8
(180)	1988	4/10 12: 0	1.78 64	0.67 11.0	0.62 9.6	0.61 9.2	0.37 7.6
(181)	1988	4/10 14: 0	2.04 67	* 1.12 9.5	0.82 8.6	* 0.63 8.6	0.41 7.3
(182)	1988	4/10 16: 0	1.85 64	0.72 7.5	0.61 9.5	0.49 8.9	0.33 7.7
(183)	1988	4/10 18: 0	1.35 68	0.45 7.5	0.36 12.1	0.29 9.8	0.21 7.3
(184)	1988	4/10 20: 0	0.94 46	0.20 8.0	0.17 11.2	0.15 10.9	0.11 7.7
(185)	1988	4/10 22: 0	0.81 16	0.13 24.0	0.12 19.5	0.12 19.7	0.09 11.7
(186)	1988	4/11 0: 0	1.02 54	0.32 17.5	0.27 11.5	0.22 11.0	0.17 8.0
(187)	1988	4/11 2: 0	1.23 63	0.37 17.0	0.34 12.3	0.29 10.9	0.20 7.8
(188)	1988	4/11 4: 0	1.30 56	0.44 7.5	0.39 10.3	0.32 11.4	0.23 8.4
(189)	1988	4/11 6: 0	1.23 64	0.36 16.0	0.31 13.3	0.26 11.7	0.17 7.7
(190)	1988	4/11 8: 0	1.18 64	0.39 9.5	0.35 10.3	0.26 10.9	0.18 7.7
(191)	1988	4/11 10: 0	1.22 71	0.40 7.0	0.31 9.5	0.24 9.0	0.17 6.7
(192)	1988	4/11 12: 0	1.47 72	0.53 6.5	0.45 8.2	0.35 8.7	0.24 6.8
(193)	1988	4/11 14: 0	1.74 64	0.78 9.0	0.67 10.3	0.52 9.4	0.36 7.6
(194)	1988	4/11 16: 0	1.81 66	0.80 10.0	0.70 10.3	* 0.57 9.4	0.36 7.6
(195)	1988	4/11 18: 0	1.63 72	* 0.81 7.0	0.62 10.6	0.60 9.4	0.32 6.9
(196)	1988	4/11 20: 0	1.31 71	0.46 8.0	0.41 9.1	0.34 8.9	0.23 7.0
(197)	1988	4/11 22: 0	0.98 55	0.22 21.5	0.21 12.3	0.19 12.1	0.12 8.1
(198)	1988	4/12 0: 0	0.89 41	0.28 15.5	0.22 13.3	0.18 12.0	0.12 9.5
(199)	1988	4/12 2: 0	0.99 46	0.33 9.0	0.30 11.0	0.26 10.5	0.16 7.7
(200)	1988	4/12 4: 0	1.28 72	0.51 17.5	0.46 9.8	0.36 8.8	0.24 6.8
(201)	1988	4/12 6: 0	1.41 65	0.67 21.0	0.56 9.7	0.45 9.6	0.31 7.5
(202)	1988	4/12 8: 0	1.47 67	0.54 6.5	0.48 11.4	0.40 10.3	0.29 7.4
(203)	1988	4/12 10: 0	1.39 55	0.55 6.5	0.43 12.2	0.38 10.3	0.26 8.1
(204)	1988	4/12 12: 0	1.27 61	0.56 7.0	0.41 9.8	0.32 9.9	0.23 7.5
(205)	1988	4/12 14: 0	1.36 57	0.60 10.0	0.49 8.5	0.41 9.6	0.29 7.6
(206)	1988	4/12 16: 0	1.62 69	* 0.95 5.0	0.75 6.5	* 0.60 8.6	0.46 7.1
(207)	1988	4/12 18: 0	1.81 68	0.83 18.5	0.72 12.2	0.69 11.2	0.39 8.0
(208)	1988	4/12 20: 0	1.71 67	0.84 8.0	0.71 9.0	0.68 10.4	0.39 7.4
(209)	1988	4/12 22: 0	1.35 63	0.67 22.0	0.49 12.0	0.39 10.1	0.26 7.3
(210)	1988	4/13 0: 0	0.91 42	0.29 16.0	0.24 14.8	0.19 10.7	0.13 7.1
(211)	1988	4/13 2: 0	0.77 26	0.18 20.0	0.16 17.5	0.12 12.3	0.08 7.4
(212)	1988	4/13 4: 0	1.06 48	0.38 21.5	0.36 13.0	0.30 11.2	0.20 8.1
(213)	1988	4/13 6: 0	1.53 58	* 1.03 6.0	0.69 6.7	0.51 7.3	0.34 7.4
(214)	1988	4/13 8: 0	1.74 60	0.76 11.5	0.67 9.3	0.52 10.0	0.35 7.7



	DATE	TIME	DEPTH (M)	MAX	1/10	1/3	MEAN
(216)	1988	4/13 10:0	1.59 66	0.63 7.6	0.52 8.6	0.45 9.6	0.31 7.3
(216)	1988	4/13 12:0	1.20 54	0.37 9.6	0.33 13.1	0.27 12.2	0.18 7.8
(217)	1988	4/13 14:0	0.98 54	0.33 9.0	0.25 14.0	0.19 13.1	0.13 8.2
(218)	1988	4/13 16:0	1.20 54	0.39 24.0	0.35 17.0	0.30 13.5	0.20 8.7
(219)	1988	4/13 18:0	1.69 58	0.78 7.6	0.61 8.2	0.49 8.6	0.34 7.3
(220)	1988	4/13 20:0	1.92 60	0.83 13.0	0.76 11.1	* 0.61 10.8	0.43 8.2
(221)	1988	4/13 22:0	1.63 58	0.63 11.5	0.55 11.4	0.44 11.4	0.29 7.9
(222)	1988	4/14 0:0	0.97 63	0.24 11.5	0.21 13.9	0.18 11.4	0.12 7.6
(223)	1988	4/14 2:0	0.64 13	0.10 18.5	0.10 18.5	0.08 16.1	0.06 11.7
(224)	1988	4/14 4:0	0.74 21	0.25 20.0	0.22 14.3	0.19 10.8	0.14 10.0
(225)	1988	4/14 6:0	1.42 59	0.50 6.5	0.43 8.8	0.37 9.2	0.26 7.2
(226)	1988	4/14 8:0	1.97 63	0.82 11.5	0.75 10.8	0.65 8.7	0.49 7.9
(227)	1988	4/14 10:0	1.85 63	0.79 12.5	0.74 12.1	0.60 9.3	0.39 7.8
(228)	1988	4/14 12:0	1.18 56	0.41 12.0	0.36 9.2	0.29 9.6	0.20 7.8
(229)	1988	4/14 14:0	0.61 13	0.13 14.0	0.13 14.0	0.11 19.9	0.07 12.4
(230)	1988	4/14 16:0	0.66 19	0.20 17.0	0.19 17.5	0.17 12.6	0.13 9.8
(231)	1988	4/14 18:0	1.35 57	0.55 11.0	0.46 9.9	0.39 8.7	0.28 7.4
(232)	1988	4/14 20:0	2.00 61	* 1.01 8.5	0.88 9.6	0.67 9.9	0.46 7.9
(233)	1988	4/14 22:0	1.92 61	0.85 15.0	0.80 11.0	* 0.68 10.5	0.44 8.1
(234)	1988	4/15 0:0	1.16 42	0.37 9.5	0.33 13.1	0.26 12.1	0.18 8.3
(235)	1988	4/15 2:0	0.44 5	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(236)	1988	4/15 4:0	0.44 9	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(237)	1988	4/15 6:0	1.25 55	0.34 13.0	0.33 13.8	0.29 10.7	0.20 8.1
(238)	1988	4/15 8:0	2.11 61	1.15 8.5	0.92 10.8	0.81 9.4	0.55 8.0
(239)	1988	4/15 10:0	2.24 55	* 1.35 9.5	1.13 11.2	* 0.95 11.1	0.65 9.0
(240)	1988	4/15 12:0	1.46 64	0.60 11.5	0.47 10.3	0.36 9.3	0.23 6.9
(241)	1988	4/15 14:0	0.56 7	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(242)	1988	4/15 16:0	0.25 10	0.07 22.5	0.07 22.5	0.06 13.3	0.05 11.1
(243)	1988	4/15 18:0	0.99 42	0.36 13.5	0.33 20.9	0.28 11.7	0.21 9.3
(244)	1988	4/15 20:0	1.93 54	1.03 13.5	0.93 10.1	0.71 10.1	0.47 9.0
(245)	1988	4/15 22:0	2.19 46	1.15 13.0	1.07 13.4	0.95 12.2	0.67 10.4
(246)	1988	4/16 0:0	1.49 61	0.59 12.5	0.49 11.8	0.37 9.8	0.24 7.6
(247)	1988	4/16 2:0	0.55 9	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(248)	1988	4/16 4:0	0.23 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(249)	1988	4/16 6:0	1.02 49	0.37 11.0	0.31 10.5	0.26 9.8	0.20 8.3
(250)	1988	4/16 8:0	2.12 51	1.05 12.0	0.95 10.7	0.83 11.3	0.62 9.7
(251)	1988	4/16 10:0	2.54 48	* 1.22 13.5	1.20 12.4	* 1.03 12.1	0.72 10.1
(252)	1988	4/16 12:0	1.78 55	0.70 10.0	0.67 11.1	0.60 11.6	0.40 9.0
(253)	1988	4/16 14:0	0.62 13	0.10 24.5	0.10 24.5	0.08 17.3	0.06 12.9
(254)	1988	4/16 16:0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(255)	1988	4/16 18:0	0.38 1	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(256)	1988	4/16 20:0	1.53 63	0.55 8.0	0.48 10.8	0.41 8.6	0.29 7.7
(257)	1988	4/16 22:0	2.17 55	1.15 10.0	0.97 11.2	0.83 11.2	0.58 8.9
(258)	1988	4/17 0:0	1.73 56	0.73 13.0	0.58 9.6	0.50 9.9	0.33 8.6
(259)	1988	4/17 2:0	0.70 37	0.14 15.5	0.11 15.8	0.10 11.2	0.06 8.6
(260)	1988	4/17 4:0	0.08 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(261)	1988	4/17 6:0	0.63 6	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(262)	1988	4/17 8:0	1.87 59	0.79 11.5	0.75 10.6	0.61 10.1	0.41 8.2
(263)	1988	4/17 10:0	2.61 51	* 1.16 9.0	0.97 12.1	* 0.81 11.5	0.60 9.6
(264)	1988	4/17 12:0	2.12 51	0.94 12.5	0.83 10.1	0.70 10.8	0.49 9.6
(265)	1988	4/17 14:0	0.81 35	0.15 10.5	0.13 14.0	0.11 13.2	0.07 8.6
(266)	1988	4/17 16:0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(267)	1988	4/17 18:0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(268)	1988	4/17 20:0	1.07 60	0.33 6.0	0.27 11.2	0.24 8.6	0.18 7.9
(269)	1988	4/17 22:0	1.99 57	0.83 10.0	0.71 10.8	0.60 10.1	0.44 8.7
(270)	1988	4/18 0:0	1.88 54	0.57 10.0	0.55 9.9	0.48 10.8	0.32 8.9
(271)	1988	4/18 2:0	0.92 31	0.22 20.5	0.19 12.3	0.16 13.0	0.11 9.1
(272)	1988	4/18 4:0	0.10 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(273)	1988	4/18 6:0	0.33 1	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(274)	1988	4/18 8:0	1.63 54	0.60 7.0	0.53 8.6	0.43 10.1	0.30 8.9
(275)	1988	4/18 10:0	2.54 46	* 1.38 12.5	1.20 12.2	* 1.04 11.4	0.71 10.5
(276)	1988	4/18 12:0	2.41 46	1.20 12.0	1.15 10.6	1.00 10.6	0.73 10.5
(277)	1988	4/18 14:0	1.21 47	0.39 9.0	0.32 11.0	0.27 10.3	0.19 8.2
(278)	1988	4/18 16:0	0.02 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(279)	1988	4/18 18:0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(280)	1988	4/18 20:0	0.55 30	0.14 22.0	0.13 12.2	0.11 10.4	0.09 8.9
(281)	1988	4/18 22:0	1.63 56	0.58 8.0	0.53 8.9	0.46 10.0	0.34 8.6
(282)	1988	4/19 0:0	1.86 60	0.74 11.5	0.68 9.9	0.58 9.2	0.40 8.2
(283)	1988	4/19 2:0	1.07 56	0.42 8.0	0.33 10.7	0.26 11.4	0.18 8.8
(284)	1988	4/19 4:0	0.19 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(285)	1988	4/19 6:0	0.10 1	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(286)	1988	4/19 8:0	1.09 63	0.41 9.5	0.36 12.7	0.31 9.9	0.23 7.7
(287)	1988	4/19 10:0	2.20 52	0.80 11.0	0.77 10.2	0.67 10.1	0.49 9.5
(288)	1988	4/19 12:0	2.38 51	* 0.96 8.5	0.81 8.4	* 0.70 10.5	0.52 9.5

	DATE	TIME	DEPTH (N)	MAX	1/10	1/3	MEAN
(289)	1988	4/19	14: 0	1.42 66	0.57 7.0	0.46 10.1	0.27 7.4
(290)	1988	4/19	16: 0	0.17 15	0.05 11.5	0.05 13.5	0.03 7.3
(291)	1988	4/19	18: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0
(292)	1988	4/19	20: 0	0.19 3	0.00 0.0	0.00 0.0	0.00 0.0
(293)	1988	4/19	22: 0	1.29 70	0.47 6.0	0.42 8.5	0.28 7.0
(294)	1988	4/20	0: 0	1.81 63	0.70 8.0	0.66 8.8	0.37 7.8
(295)	1988	4/20	2: 0	1.34 66	0.49 16.5	0.47 9.7	0.27 7.6
(296)	1988	4/20	4: 0	0.48 22	0.12 15.0	0.12 16.0	0.07 10.5
(297)	1988	4/20	6: 0	0.16 4	0.00 0.0	0.00 0.0	0.00 0.0
(298)	1988	4/20	8: 0	0.87 37	0.33 8.0	0.31 13.3	0.20 7.5
(299)	1988	4/20	10: 0	1.92 59	0.92 5.5	0.78 8.2	0.47 8.4
(300)	1988	4/20	12: 0	2.40 50	* 1.16 8.5	1.02 9.8	* 0.83 10.6
(301)	1988	4/20	14: 0	1.77 58	0.91 9.5	0.78 9.1	0.68 10.2
(302)	1988	4/20	16: 0	0.61 25	0.20 10.0	0.18 13.7	0.10 9.1
(303)	1988	4/20	18: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0
(304)	1988	4/20	20: 0	0.07 0	0.00 0.0	0.00 0.0	0.00 0.0
(305)	1988	4/20	22: 0	1.02 53	0.62 15.5	0.50 11.2	0.37 8.3
(306)	1988	4/21	0: 0	1.66 54	0.71 8.0	0.67 10.7	0.39 7.1
(307)	1988	4/21	2: 0	1.42 59	0.66 7.0	0.57 8.4	0.32 7.9
(308)	1988	4/21	4: 0	0.73 42	0.33 17.5	0.29 16.5	0.16 8.8
(309)	1988	4/21	6: 0	0.29 6	0.00 0.0	0.00 0.0	0.00 0.0
(310)	1988	4/21	8: 0	0.65 24	0.17 15.5	0.16 14.8	0.13 13.2
(311)	1988	4/21	10: 0	1.69 66	0.74 6.0	0.69 8.1	0.36 7.4
(312)	1988	4/21	12: 0	2.14 51	* 1.16 9.0	1.00 13.5	* 0.87 11.2
(313)	1988	4/21	14: 0	1.83 62	0.98 17.0	0.85 12.3	0.67 9.9
(314)	1988	4/21	16: 0	0.90 46	0.34 18.0	0.32 15.9	0.27 11.1
(315)	1988	4/21	18: 0	0.10 4	0.00 0.0	0.00 0.0	0.00 0.0
(316)	1988	4/21	20: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0
(317)	1988	4/21	22: 0	0.75 46	0.33 13.0	0.31 14.7	0.23 9.8
(318)	1988	4/22	0: 0	1.40 62	0.72 12.0	0.54 9.3	0.29 7.9
(319)	1988	4/22	2: 0	1.42 67	0.66 8.5	0.57 8.6	0.31 6.8
(320)	1988	4/22	4: 0	0.89 43	0.39 18.5	0.35 10.9	0.19 7.8
(321)	1988	4/22	6: 0	0.43 16	0.12 23.5	0.11 21.6	0.06 10.3
(322)	1988	4/22	8: 0	0.57 25	0.21 16.0	0.20 16.7	0.12 9.9
(323)	1988	4/22	10: 0	1.29 48	0.54 13.0	0.51 9.3	0.32 8.5
(324)	1988	4/22	12: 0	1.89 68	0.87 10.0	0.81 9.9	0.49 7.3
(325)	1988	4/22	14: 0	1.84 62	0.81 11.0	0.75 9.8	0.45 7.7
(326)	1988	4/22	16: 0	1.14 66	0.45 20.0	0.38 11.1	0.21 6.7

Table Frequency of Wave Height and Period (Kuta on shore) 1988 5/10 10: 0 1988 5/25 4: 0

H(m)/T(s)	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	22.0	TOTAL	(%)	
0.0	122	277	317	295	266	246	197	167	114	91	79	72	66	52	35	40	25	24	26	12	31	2554	36.4	
0.2	37	130	225	243	255	282	280	229	219	173	154	133	91	87	55	68	45	26	31	23	48	2854	40.7	
0.4	2	7	40	58	87	97	100	127	109	109	90	75	56	43	48	27	20	15	16	12	15	1151	16.4	
0.6	0	1	5	9	20	22	20	24	30	31	26	37	24	22	17	16	11	10	4	4	5	338	4.8	
0.8	0	0	0	1	4	3	7	12	8	18	6	9	8	6	5	2	2	3	1	1	1	97	1.4	
1.0	0	0	0	0	0	1	3	0	2	0	3	2	1	1	0	0	1	0	0	0	0	15	0.2	
1.2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0	4	0.1	
1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
1.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
1.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
2.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
2.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
2.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
2.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
2.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
3.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
3.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
3.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
3.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
3.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
4.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
4.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
4.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
4.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
4.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
5.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
5.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
5.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
5.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
6.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
6.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
6.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
6.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
7.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
7.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
7.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
7.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
8.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
8.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
8.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
8.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
9.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
9.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
9.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
9.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
9.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
TOTAL	161	415	587	606	633	653	604	559	482	422	369	328	246	211	170	153	105	78	78	52	101	7013	100.0	

(%) 2.3 5.9 8.4 8.6 9.0 9.3 8.6 8.0 5.9 5.0 5.3 4.7 3.5 2.6 2.4 2.2 1.5 1.1 1.1 0.7 1.4 100.0

Table Wave Calculated Result (Kuta on shore)

	DATE	TIME	DEPTH (N)	MAX	1/10	1/3	MEAN
( 1)	1988	6/10 10: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 2)	1988	6/10 12: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 3)	1988	6/10 14: 0	0.66 44	0.29 17.5	0.26 9.6	0.22 11.4	0.16 9.1
( 4)	1988	6/10 16: 0	1.11 50	0.56 9.5	0.49 9.1	0.40 8.6	0.30 7.7
( 5)	1988	6/10 18: 0	1.50 57	0.76 6.0	0.62 7.7	* 0.52 9.5	0.38 8.6
( 6)	1988	6/10 20: 0	1.50 60	* 0.76 14.0	0.63 10.7	0.49 10.8	0.32 8.1
( 7)	1988	6/10 22: 0	1.13 50	0.57 6.0	0.51 12.0	0.42 11.4	0.29 9.2
( 8)	1988	6/11 0: 0	0.80 43	0.34 7.5	0.31 10.6	0.28 11.4	0.20 8.3
( 9)	1988	6/11 2: 0	0.91 48	0.39 10.5	0.36 10.3	0.30 10.2	0.22 8.6
(10)	1988	6/11 4: 0	1.50 60	0.88 11.5	0.68 10.5	0.56 9.9	0.39 8.2
(11)	1988	6/11 6: 0	2.04 48	0.83 11.5	0.73 14.5	0.66 13.2	0.50 9.7
(12)	1988	6/11 8: 0	2.12 55	* 1.18 12.0	1.00 13.2	* 0.78 11.1	0.54 8.8
(13)	1988	6/11 10: 0	1.57 63	* 0.79 13.0	0.66 10.5	0.52 10.0	0.36 7.8
(14)	1988	6/11 12: 0	0.83 40	0.32 9.5	0.29 14.0	0.27 14.0	0.20 10.6
(15)	1988	6/11 14: 0	0.45 33	0.23 16.0	0.21 13.8	0.15 11.0	0.10 8.5
(16)	1988	6/11 16: 0	0.72 43	0.34 9.5	0.33 10.4	0.25 9.8	0.17 8.4
(17)	1988	6/11 18: 0	1.30 54	0.64 10.5	0.56 11.8	0.45 11.5	0.31 8.4
(18)	1988	6/11 20: 0	1.61 52	0.71 13.0	0.66 10.2	0.54 11.7	0.37 9.5
(19)	1988	6/11 22: 0	1.42 54	0.67 9.0	0.65 10.4	0.54 10.7	0.36 9.2
(20)	1988	6/12 0: 0	0.97 54	0.37 9.5	0.34 13.8	0.29 11.7	0.20 8.8
(21)	1988	6/12 2: 0	0.82 59	0.34 11.5	0.31 11.2	0.27 10.1	0.20 8.3
(22)	1988	6/12 4: 0	1.18 62	0.61 11.0	0.51 11.0	0.40 10.6	0.27 8.0
(23)	1988	6/12 6: 0	1.88 47	0.97 10.0	0.89 11.8	0.72 13.0	0.48 10.4
(24)	1988	6/12 8: 0	2.23 53	* 1.22 16.5	1.02 13.4	* 0.86 12.5	0.57 9.2
(25)	1988	6/12 10: 0	1.88 53	0.92 24.0	0.81 13.8	0.65 12.6	0.43 9.3
(26)	1988	6/12 12: 0	1.03 42	0.47 25.0	0.42 20.3	0.35 13.5	0.25 9.6
(27)	1988	6/12 14: 0	0.35 11	0.18 20.5	0.18 20.5	0.14 12.8	0.10 11.2
(28)	1988	6/12 16: 0	0.37 22	0.15 9.5	0.16 13.8	0.13 15.0	0.09 10.4
(29)	1988	6/12 18: 0	0.99 43	0.44 19.5	0.41 12.0	0.34 11.7	0.24 9.0
(30)	1988	6/12 20: 0	1.57 51	0.80 10.5	0.68 11.0	0.53 10.6	0.36 8.8
(31)	1988	6/12 22: 0	1.63 59	0.94 10.0	0.78 10.9	0.64 11.6	0.40 8.4
(32)	1988	6/13 0: 0	1.18 33	0.55 6.5	0.52 8.5	0.42 9.8	0.29 8.9
(33)	1988	6/13 2: 0	0.78 31	0.26 21.5	0.25 13.2	0.24 14.2	0.16 10.1
(34)	1988	6/13 4: 0	0.95 43	0.67 3.0	0.56 5.8	0.44 8.6	0.31 8.5
(35)	1988	6/13 6: 0	1.61 53	0.77 14.0	0.67 12.3	0.58 10.8	0.41 8.6
(36)	1988	6/13 8: 0	2.27 52	1.18 12.0	0.98 14.4	0.83 13.4	0.59 9.4
(37)	1988	6/13 10: 0	2.14 53	* 1.37 16.5	1.19 14.2	* 0.92 13.3	0.59 9.1
(38)	1988	6/13 12: 0	1.32 52	0.61 14.0	0.53 12.5	0.47 11.4	0.32 8.7
(39)	1988	6/13 14: 0	0.47 20	0.16 10.5	0.16 13.8	0.14 14.0	0.11 10.2
(40)	1988	6/13 16: 0	0.12 7	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(41)	1988	6/13 18: 0	0.60 28	0.37 10.5	0.35 9.0	0.30 10.1	0.23 8.9
(42)	1988	6/13 20: 0	1.38 52	0.61 12.5	0.53 12.4	0.44 14.1	0.31 9.4
(43)	1988	6/13 22: 0	1.71 60	0.64 10.0	0.58 8.7	0.51 10.1	0.37 8.1
(44)	1988	6/14 0: 0	1.32 52	0.56 10.0	0.53 12.0	0.42 11.3	0.28 8.4
(45)	1988	6/14 2: 0	0.78 38	0.39 14.0	0.31 14.3	0.26 13.5	0.17 9.6
(46)	1988	6/14 4: 0	0.66 35	0.34 12.0	0.25 13.5	0.22 13.1	0.15 9.9
(47)	1988	6/14 6: 0	1.26 58	0.70 4.5	0.55 13.6	0.47 11.6	0.30 8.1
(48)	1988	6/14 8: 0	2.06 54	0.90 17.0	0.84 12.6	0.69 12.0	0.44 9.1
(49)	1988	6/14 10: 0	2.25 50	* 1.14 13.5	1.05 10.0	* 0.89 11.2	0.62 9.6
(50)	1988	6/14 12: 0	1.59 57	0.71 19.0	0.63 15.8	0.50 12.6	0.32 8.4
(51)	1988	6/14 14: 0	0.58 37	0.29 18.5	0.25 11.4	0.21 12.7	0.13 9.9
(52)	1988	6/14 16: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(53)	1988	6/14 18: 0	0.25 12	0.26 15.5	0.26 15.5	0.24 13.1	0.20 13.5
(54)	1988	6/14 20: 0	1.11 49	0.70 8.0	0.49 13.3	0.41 11.8	0.29 9.3
(55)	1988	6/14 22: 0	1.67 52	0.71 17.0	0.62 14.2	0.54 13.1	0.36 9.4
(56)	1988	6/15 0: 0	1.50 48	0.84 8.5	0.71 8.5	0.54 11.5	0.35 9.3
(57)	1988	6/15 2: 0	0.87 42	0.39 13.5	0.34 12.5	0.26 11.5	0.18 8.8
(58)	1988	6/15 4: 0	0.52 31	0.18 18.0	0.18 13.5	0.16 12.4	0.11 8.6
(59)	1988	6/15 6: 0	0.93 45	0.44 20.5	0.38 13.4	0.29 12.3	0.20 9.2
(60)	1988	6/15 8: 0	1.79 53	0.80 11.0	0.72 13.4	0.62 12.8	0.41 9.2
(61)	1988	6/15 10: 0	2.29 44	* 1.18 22.5	1.12 14.3	* 0.93 12.5	0.62 10.9
(62)	1988	6/15 12: 0	1.86 54	1.02 7.5	0.91 10.8	0.69 11.0	0.45 8.9
(63)	1988	6/15 14: 0	0.83 44	0.32 10.0	0.28 13.4	0.23 11.6	0.15 8.4
(64)	1988	6/15 16: 0	0.02 3	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(65)	1988	6/15 18: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(66)	1988	6/15 20: 0	0.78 45	0.37 8.5	0.30 11.3	0.24 11.6	0.16 9.5
(67)	1988	6/15 22: 0	1.55 45	0.74 16.0	0.67 14.8	0.55 13.3	0.38 10.3

	DATE	TIME	DEPTH (N)	MAX	1/10	1/3	MEAN
(68)	1988	6/16	0: 0	1.61 51	0.69 11.0	0.61 13.8	0.34 8.9
(69)	1988	6/16	2: 0	1.05 48	0.42 14.0	0.36 12.4	0.22 9.4
(70)	1988	6/16	4: 0	0.50 38	0.21 7.0	0.20 8.8	0.12 9.6
(71)	1988	6/16	6: 0	0.66 40	0.24 11.5	0.23 18.5	0.14 9.9
(72)	1988	6/16	8: 0	1.48 49	0.72 10.5	0.65 12.3	0.39 10.0
(73)	1988	6/16	10: 0	2.17 45	* 1.08 15.5	0.95 15.2	0.47 10.8
(74)	1988	6/16	12: 0	2.10 50	0.82 14.0	0.78 14.3	0.42 9.6
(75)	1988	6/16	14: 0	1.17 49	0.61 9.0	0.47 10.1	0.25 9.0
(76)	1988	6/16	16: 0	0.16 9	0.00 0.0	0.00 0.0	0.00 0.0
(77)	1988	6/16	18: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0
(78)	1988	6/16	20: 0	0.50 22	0.29 7.0	0.26 7.0	0.17 11.3
(79)	1988	6/16	22: 0	1.36 50	0.51 9.0	0.49 13.5	0.29 8.9
(80)	1988	6/17	0: 0	1.69 51	0.92 19.5	0.73 15.3	0.40 9.7
(81)	1988	6/17	2: 0	1.20 51	0.58 13.0	0.48 11.4	0.27 9.5
(82)	1988	6/17	4: 0	0.60 53	0.21 7.5	0.18 12.2	0.11 8.6
(83)	1988	6/17	6: 0	0.49 31	0.21 8.0	0.20 8.0	0.11 10.9
(84)	1988	6/17	8: 0	1.13 57	0.58 11.0	0.43 12.0	0.25 8.4
(85)	1988	6/17	10: 0	1.94 42	* 1.08 10.5	0.92 13.4	* 0.74 14.1
(86)	1988	6/17	12: 0	2.16 55	0.84 9.5	0.78 15.9	0.68 12.8
(87)	1988	6/17	14: 0	1.44 55	0.63 18.0	0.56 12.0	0.46 10.9
(88)	1988	6/17	16: 0	0.41 13	0.18 18.5	0.18 18.5	0.14 13.1
(89)	1988	6/17	18: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0
(90)	1988	6/17	20: 0	0.27 17	0.16 20.0	0.16 19.0	0.09 13.7
(91)	1988	6/17	22: 0	1.17 51	0.53 10.0	0.46 11.6	0.38 12.1
(92)	1988	6/18	0: 0	1.67 50	* 1.05 10.0	0.83 15.1	0.58 13.6
(93)	1988	6/18	2: 0	1.40 56	0.58 14.0	0.51 11.2	0.43 12.1
(94)	1988	6/18	4: 0	0.76 36	0.26 15.0	0.26 12.8	0.16 10.9
(95)	1988	6/18	6: 0	0.47 25	0.23 20.0	0.20 17.0	0.16 13.2
(96)	1988	6/18	8: 0	0.89 55	0.34 13.5	0.30 10.3	0.24 10.1
(97)	1988	6/18	10: 0	1.71 49	0.71 19.5	0.62 13.5	0.56 13.3
(98)	1988	6/18	12: 0	2.12 42	0.88 12.0	0.83 12.8	* 0.72 14.4
(99)	1988	6/18	14: 0	1.67 54	0.74 15.5	0.65 13.4	0.52 12.3
(100)	1988	6/18	16: 0	0.74 25	0.26 12.5	0.24 11.5	0.21 12.6
(101)	1988	6/18	18: 0	0.04 2	0.00 0.0	0.00 0.0	0.00 0.0
(102)	1988	6/18	20: 0	0.16 6	0.00 0.0	0.00 0.0	0.00 0.0
(103)	1988	6/18	22: 0	0.95 35	0.37 10.0	0.32 11.5	0.27 12.0
(104)	1988	6/19	0: 0	1.59 53	0.66 13.5	0.57 13.3	0.45 12.7
(105)	1988	6/19	2: 0	1.48 42	0.63 14.5	0.61 14.8	0.53 14.3
(106)	1988	6/19	4: 0	0.93 42	0.29 17.0	0.29 16.0	0.24 13.9
(107)	1988	6/19	6: 0	0.47 31	0.18 15.0	0.16 13.8	0.14 14.5
(108)	1988	6/19	8: 0	0.68 38	0.26 7.0	0.23 16.3	0.20 13.2
(109)	1988	6/19	10: 0	1.40 54	0.53 6.0	0.46 11.5	0.40 11.1
(110)	1988	6/19	12: 0	1.92 44	0.74 17.0	0.64 14.6	0.54 12.0
(111)	1988	6/19	14: 0	1.69 49	* 0.79 13.5	0.75 15.1	* 0.59 14.7
(112)	1988	6/19	16: 0	0.91 44	0.39 13.0	0.39 13.9	0.31 13.3
(113)	1988	6/19	18: 0	0.19 20	0.13 14.5	0.12 17.3	0.10 15.6
(114)	1988	6/19	20: 0	0.12 12	0.13 18.0	0.13 18.0	0.09 16.1
(115)	1988	6/19	22: 0	0.74 47	0.34 23.0	0.28 11.9	0.23 10.4
(116)	1988	6/20	0: 0	1.42 53	0.56 12.0	0.48 11.8	0.42 10.8
(117)	1988	6/20	2: 0	1.59 43	0.87 18.0	0.74 12.4	0.58 12.4
(118)	1988	6/20	4: 0	1.15 48	0.56 9.5	0.50 8.5	0.42 13.3
(119)	1988	6/20	6: 0	0.66 30	0.26 16.0	0.22 9.5	0.19 10.4
(120)	1988	6/20	8: 0	0.68 26	0.24 6.5	0.23 12.5	0.20 12.9
(121)	1988	6/20	10: 0	1.18 39	0.57 25.0	0.47 13.4	0.37 13.1
(122)	1988	6/20	12: 0	1.73 51	0.96 12.5	0.80 13.2	0.67 11.1
(123)	1988	6/20	14: 0	1.77 48	* 0.96 5.5	0.84 10.1	* 0.71 11.7
(124)	1988	6/20	16: 0	1.15 51	0.55 13.5	0.44 9.8	0.36 9.2
(125)	1988	6/20	18: 0	0.49 14	0.23 15.0	0.23 15.0	0.17 13.2
(126)	1988	6/20	20: 0	0.21 12	0.20 9.0	0.20 9.0	0.18 12.6
(127)	1988	6/20	22: 0	0.60 26	0.29 5.5	0.22 9.7	0.19 13.2
(128)	1988	6/21	0: 0	1.32 49	0.64 6.0	0.59 9.2	0.51 11.4
(129)	1988	6/21	2: 0	1.57 52	* 0.74 13.5	0.65 11.4	* 0.55 11.1
(130)	1988	6/21	4: 0	1.30 59	0.58 14.0	0.52 11.3	0.43 11.4
(131)	1988	6/21	6: 0	0.82 31	0.29 14.5	0.27 12.0	0.23 12.7
(132)	1988	6/21	8: 0	0.62 40	0.21 10.0	0.20 11.4	0.18 10.4
(133)	1988	6/21	10: 0	0.91 45	0.42 12.0	0.34 14.2	0.28 13.4

	DATE	TIME	DEPTH (N)	MAX	1/10	1/3	MPAN
(134)	1988	6/21 12: 0	1.42 46	0.52 16.6	0.51 12.2	0.46 12.0	0.33 9.6
(135)	1988	6/21 14: 0	1.59 52	0.71 13.0	0.66 10.4	0.54 13.4	0.37 9.3
(136)	1988	6/21 16: 0	1.26 43	0.60 6.5	0.51 12.9	0.43 13.1	0.30 10.7
(137)	1988	6/21 18: 0	0.64 41	0.26 16.0	0.22 10.5	0.19 11.6	0.13 9.7
(138)	1988	6/21 20: 0	0.29 17	0.15 6.6	0.16 15.3	0.12 10.7	0.08 9.0
(139)	1988	6/21 22: 0	0.49 38	0.34 20.0	0.27 14.9	0.22 10.8	0.17 10.0
(140)	1988	6/22 0: 0	1.07 46	0.47 11.0	0.42 12.4	0.36 12.2	0.24 9.3
(141)	1988	6/22 2: 0	1.51 50	0.71 18.0	0.62 12.0	* 0.51 11.4	0.36 9.5
(142)	1988	6/22 4: 0	1.40 57	* 0.72 10.5	0.58 12.6	0.43 11.2	0.29 8.5
(143)	1988	6/22 6: 0	0.97 42	0.37 18.5	0.36 17.1	0.32 15.4	0.21 10.7
(144)	1988	6/22 8: 0	0.64 46	0.29 13.0	0.26 11.7	0.20 10.9	0.15 9.6
(145)	1988	6/22 10: 0	0.68 33	0.29 7.0	0.24 13.0	0.19 13.0	0.14 10.7
(146)	1988	6/22 12: 0	1.09 48	0.50 9.5	0.42 11.6	0.35 11.4	0.26 9.1
(147)	1988	6/22 14: 0	1.34 56	0.65 8.0	0.52 12.3	0.42 12.4	0.29 8.8
(148)	1988	6/22 16: 0	1.22 48	0.61 13.0	0.56 13.3	0.48 13.3	0.32 10.1
(149)	1988	6/22 18: 0	0.78 32	0.29 10.0	0.29 12.0	0.24 13.0	0.16 10.7
(150)	1988	6/22 20: 0	0.37 11	0.13 16.5	0.13 16.6	0.11 18.1	0.08 15.5
(151)	1988	6/22 22: 0	0.41 30	0.18 13.5	0.15 14.2	0.12 12.5	0.09 10.0
(152)	1988	6/23 0: 0	0.85 44	0.44 16.0	0.35 15.0	0.26 16.2	0.17 9.9
(153)	1988	6/23 2: 0	1.36 53	* 0.75 9.5	0.56 9.4	0.45 10.7	0.30 9.3
(154)	1988	6/23 4: 0	1.42 57	0.61 12.0	0.54 10.7	* 0.47 11.3	0.31 8.6
(155)	1988	6/23 6: 0	1.15 50	0.54 8.0	0.45 12.2	0.37 13.1	0.25 9.3
(156)	1988	6/23 8: 0	0.76 40	0.29 8.5	0.28 7.0	0.23 10.8	0.16 8.8
(157)	1988	6/23 10: 0	0.62 38	0.21 5.5	0.20 11.6	0.18 11.3	0.14 9.9
(158)	1988	6/23 12: 0	0.83 39	0.47 9.0	0.35 10.8	0.28 13.7	0.19 9.8
(159)	1988	6/23 14: 0	1.09 54	0.47 12.5	0.43 9.7	0.34 10.9	0.23 8.6
(160)	1988	6/23 16: 0	1.20 54	0.50 10.5	0.42 8.8	0.36 11.4	0.26 8.7
(161)	1988	6/23 18: 0	0.97 52	0.35 8.0	0.33 8.9	0.29 8.8	0.20 7.6
(162)	1988	6/23 20: 0	0.60 36	0.23 15.5	0.22 13.8	0.20 14.4	0.15 10.2
(163)	1988	6/23 22: 0	0.47 30	0.16 14.0	0.16 14.8	0.15 12.3	0.11 10.5
(164)	1988	6/24 0: 0	0.74 40	0.31 12.5	0.29 17.0	0.26 12.9	0.19 9.5
(165)	1988	6/24 2: 0	1.20 58	0.52 6.5	0.47 10.3	0.40 10.3	0.27 7.9
(166)	1988	6/24 4: 0	1.48 57	* 0.63 7.0	0.54 11.1	0.46 9.3	0.32 8.5
(167)	1988	6/24 6: 0	1.36 56	0.61 12.5	0.56 11.5	* 0.47 10.2	0.31 8.3
(168)	1988	6/24 8: 0	0.99 52	0.58 11.0	0.51 14.1	0.40 12.4	0.25 9.4
(169)	1988	6/24 10: 0	0.66 41	0.31 12.0	0.27 9.9	0.23 11.1	0.17 9.7
(170)	1988	6/24 12: 0	0.62 33	0.31 8.0	0.26 10.2	0.23 15.0	0.16 11.3
(171)	1988	6/24 14: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(172)	1988	6/24 16: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(173)	1988	6/24 18: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(174)	1988	6/24 20: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(175)	1988	6/24 22: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(176)	1988	6/25 0: 0	0.00 0	* 0.00 0.0	0.00 0.0	* 0.00 0.0	0.00 0.0
(177)	1988	6/25 2: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(178)	1988	6/25 4: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0

COMMENT kuta on shore

Table Frequency of Wave Height and Period (Nusa Dua off shore) 1988 2/29 10: 0 >> 1988 3/25 16: 0

H(m)/T(s)	2.0	3.0	4.0	5.0	5.0	5.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	22.0	TOTAL	(%)	
0.0	0	0	0	0	0	0	71	68	121	161	206	234	397	391	282	260	155	111	95	50	51	117	2790	30.3	
0.2	0	0	0	15	251	335	470	299	280	331	389	336	346	288	222	142	105	47	33	15	28	3902	42.4		
0.4	0	0	0	74	267	367	255	159	82	49	42	37	45	68	35	17	6	3	0	1	0	0	1502	16.4	
0.6	0	3	30	73	161	158	105	51	18	3	7	4	7	4	0	0	1	0	0	0	0	0	625	6.8	
0.8	0	0	0	43	78	65	34	17	3	1	2	0	0	0	0	0	0	0	0	0	0	0	243	2.6	
1.0	0	0	0	8	28	17	23	8	2	0	0	0	0	0	0	0	0	0	0	0	0	0	84	0.9	
1.2	0	0	0	9	2	3	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	0.3	
1.4	0	0	0	10	6	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19	0.2	
1.6	0	0	0	4	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0.1	
1.8	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.0	
2.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
2.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
2.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
2.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
2.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
3.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
3.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
3.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
3.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
3.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
4.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
4.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
4.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
4.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
4.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
5.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
5.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
5.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
5.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
6.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
6.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
6.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
6.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
7.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
7.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
7.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
7.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
8.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
8.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
8.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
8.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
9.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
9.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
9.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
9.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
9.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
TOTAL	0	3	45	253	777	1031	913	650	544	591	674	774	789	642	517	324	223	145	83	77	145	9200	100.0		
(%)	0.0	0.0	0.5	2.8	8.4	11.2	9.9	7.1	5.9	6.4	7.3	8.4	8.6	7.0	5.6	3.5	2.4	1.6	0.9	0.8	1.6	100.0			

Table Wave Calculated Result (Nusa Dua off shore)

	DATE	TIME	DEPTH (N)	MAX	1/10	1/3	MEAN
( 1 )	1988	2/29 10: 0	0.00 0	* 0.00 0.0	0.00 0.0	* 0.00 0.0	0.00 0.0
( 2 )	1988	2/29 12: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 3 )	1988	2/29 14: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 4 )	1988	2/29 16: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 5 )	1988	2/29 18: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 6 )	1988	2/29 20: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 7 )	1988	2/29 22: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 8 )	1988	3/ 1 0: 0	0.00 0	* 0.00 0.0	0.00 0.0	* 0.00 0.0	0.00 0.0
( 9 )	1988	3/ 1 2: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 10 )	1988	3/ 1 4: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 11 )	1988	3/ 1 6: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 12 )	1988	3/ 1 8: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 13 )	1988	3/ 1 10: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 14 )	1988	3/ 1 12: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 15 )	1988	3/ 1 14: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 16 )	1988	3/ 1 16: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 17 )	1988	3/ 1 18: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 18 )	1988	3/ 1 20: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 19 )	1988	3/ 1 22: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 20 )	1988	3/ 2 0: 0	0.00 0	* 0.00 0.0	0.00 0.0	* 0.00 0.0	0.00 0.0
( 21 )	1988	3/ 2 2: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 22 )	1988	3/ 2 4: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 23 )	1988	3/ 2 6: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 24 )	1988	3/ 2 8: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 25 )	1988	3/ 2 10: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 26 )	1988	3/ 2 12: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 27 )	1988	3/ 2 14: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 28 )	1988	3/ 2 16: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 29 )	1988	3/ 2 18: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 30 )	1988	3/ 2 20: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 31 )	1988	3/ 2 22: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 32 )	1988	3/ 3 0: 0	0.00 0	* 0.00 0.0	0.00 0.0	* 0.00 0.0	0.00 0.0
( 33 )	1988	3/ 3 2: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 34 )	1988	3/ 3 4: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 35 )	1988	3/ 3 6: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 36 )	1988	3/ 3 8: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 37 )	1988	3/ 3 10: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 38 )	1988	3/ 3 12: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 39 )	1988	3/ 3 14: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 40 )	1988	3/ 3 16: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 41 )	1988	3/ 3 18: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 42 )	1988	3/ 3 20: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 43 )	1988	3/ 3 22: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 44 )	1988	3/ 4 0: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 45 )	1988	3/ 4 2: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 46 )	1988	3/ 4 4: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 47 )	1988	3/ 4 6: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 48 )	1988	3/ 4 8: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 49 )	1988	3/ 4 10: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 50 )	1988	3/ 4 12: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 51 )	1988	3/ 4 14: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 52 )	1988	3/ 4 16: 0	16.43 43	* 0.70 9.0	0.53 9.8	0.40 10.6	0.28 10.7
( 53 )	1988	3/ 4 18: 0	16.64 39	0.50 12.5	0.47 13.0	0.41 12.3	0.28 12.6
( 54 )	1988	3/ 4 20: 0	17.50 39	0.59 10.0	0.59 9.5	* 0.45 11.2	0.32 12.3
( 55 )	1988	3/ 4 22: 0	18.28 45	0.38 15.0	0.44 9.8	0.35 10.4	0.27 10.3
( 56 )	1988	3/ 5 0: 0	18.22 37	0.64 8.0	0.48 9.4	0.35 11.1	0.24 11.3
( 57 )	1988	3/ 5 2: 0	17.29 34	0.52 9.0	0.36 12.2	0.32 10.6	0.22 11.1
( 58 )	1988	3/ 5 4: 0	16.37 40	0.41 12.0	0.38 11.9	0.32 11.3	0.22 11.9
( 59 )	1988	3/ 5 6: 0	16.34 33	0.43 11.0	0.35 13.5	0.29 13.0	0.21 12.8
( 60 )	1988	3/ 5 8: 0	17.21 49	* 0.85 9.0	0.80 8.6	* 0.67 8.8	0.41 9.9
( 61 )	1988	3/ 5 10: 0	18.16 39	0.54 9.0	0.46 9.5	0.38 10.5	0.26 11.4
( 62 )	1988	3/ 5 12: 0	18.28 36	0.47 9.0	0.40 9.4	0.29 12.6	0.23 11.7
( 63 )	1988	3/ 5 14: 0	17.47 36	0.38 14.5	0.36 12.0	0.32 11.0	0.22 11.9
( 64 )	1988	3/ 5 16: 0	16.56 33	0.46 10.0	0.37 10.7	0.27 13.3	0.20 12.5
( 65 )	1988	3/ 5 18: 0	16.46 39	0.54 9.5	0.38 10.9	0.31 11.2	0.21 12.4
( 66 )	1988	3/ 5 20: 0	17.24 49	0.82 10.0	0.71 10.4	0.57 10.0	0.42 9.9
( 67 )	1988	3/ 5 22: 0	18.16 44	0.64 8.0	0.46 9.8	0.36 10.8	0.26 11.1
( 68 )	1988	3/ 6 0: 0	18.34 43	0.51 8.5	0.32 10.9	0.28 10.2	0.18 11.0
( 69 )	1988	3/ 6 2: 0	17.50 36	0.36 10.0	0.32 10.3	0.26 10.6	0.20 11.7
( 70 )	1988	3/ 6 4: 0	16.49 28	0.27 17.5	0.27 16.2	0.25 14.9	0.20 14.2
( 71 )	1988	3/ 6 6: 0	16.25 37	0.67 11.5	0.48 10.6	0.34 12.2	0.24 11.7



	DATE	TIME	DEPTH (M)	MAX	1/10	1/3	MEAN
(72)	1988	3/ 6 8: 0	17.06 48	0.91 8.5	0.73 9.4	0.60 9.8	0.42 9.3
(73)	1988	3/ 6 10: 0	18.13 49	* 0.94 9.0	0.89 8.8	* 0.67 9.1	0.41 10.0
(74)	1988	3/ 6 12: 0	18.46 54	0.88 8.5	0.57 8.9	0.43 9.0	0.28 9.2
(75)	1988	3/ 6 14: 0	17.71 37	0.54 11.5	0.54 10.6	0.46 10.6	0.32 11.6
(76)	1988	3/ 6 16: 0	16.67 31	0.39 10.5	0.30 14.6	0.26 11.8	0.20 11.7
(77)	1988	3/ 6 18: 0	16.31 35	0.36 9.5	0.27 11.5	0.24 11.1	0.18 11.7
(78)	1988	3/ 6 20: 0	16.94 42	0.56 8.5	0.50 8.5	0.40 9.4	0.27 9.9
(79)	1988	3/ 6 22: 0	18.01 47	0.87 8.0	0.48 9.6	0.34 11.0	0.29 10.4
(80)	1988	3/ 7 0: 0	18.37 34	0.35 10.5	0.24 16.7	0.23 13.3	0.18 11.9
(81)	1988	3/ 7 2: 0	17.68 24	0.27 17.0	0.28 16.0	0.25 13.3	0.19 13.7
(82)	1988	3/ 7 4: 0	16.64 17	0.17 22.0	0.18 18.0	0.18 15.5	0.15 14.7
(83)	1988	3/ 7 6: 0	16.28 40	0.34 10.0	0.29 10.4	0.23 12.0	0.17 12.1
(84)	1988	3/ 7 8: 0	16.91 35	0.35 10.5	0.36 12.0	0.34 10.5	0.24 11.6
(85)	1988	3/ 7 10: 0	18.01 45	0.89 7.5	0.47 11.0	* 0.42 10.2	0.33 9.9
(86)	1988	3/ 7 12: 0	16.64 39	0.39 11.0	0.33 11.4	0.29 13.8	0.19 12.6
(87)	1988	3/ 7 14: 0	17.96 36	0.53 7.5	0.41 8.5	0.29 10.6	0.21 11.7
(88)	1988	3/ 7 16: 0	16.88 30	0.29 10.0	0.36 8.3	0.23 11.8	0.18 12.3
(89)	1988	3/ 7 18: 0	16.28 31	0.31 18.0	0.30 17.5	0.26 16.7	0.19 14.6
(90)	1988	3/ 7 20: 0	16.73 46	* 1.09 9.0	0.56 11.2	0.41 11.7	0.32 10.8
(91)	1988	3/ 7 22: 0	17.68 25	0.27 18.0	0.28 15.6	0.26 16.3	0.21 12.8
(92)	1988	3/ 8 0: 0	18.22 39	0.51 16.0	0.45 13.3	0.36 14.2	0.27 12.3
(93)	1988	3/ 8 2: 0	17.77 33	0.37 16.5	0.34 18.2	0.31 15.5	0.22 14.5
(94)	1988	3/ 8 4: 0	16.85 29	0.47 14.5	0.41 16.0	* 0.37 15.9	0.31 16.2
(95)	1988	3/ 8 6: 0	16.37 33	0.41 16.0	0.37 14.8	0.28 15.7	0.21 15.0
(96)	1988	3/ 8 8: 0	16.85 27	0.44 13.0	0.42 14.8	0.37 14.9	0.27 15.4
(97)	1988	3/ 8 10: 0	17.89 33	* 0.64 10.0	0.40 14.3	0.32 13.8	0.27 10.7
(98)	1988	3/ 8 12: 0	18.64 37	0.32 17.5	0.30 14.6	0.28 13.6	0.21 13.1
(99)	1988	3/ 8 14: 0	18.13 22	0.30 13.0	0.26 15.5	0.25 14.4	0.19 14.0
(100)	1988	3/ 8 16: 0	17.09 29	0.41 17.0	0.40 16.2	0.33 15.4	0.26 15.2
(101)	1988	3/ 8 18: 0	16.34 29	0.37 16.0	0.37 15.2	0.32 15.6	0.24 15.6
(102)	1988	3/ 8 20: 0	16.61 31	0.46 16.5	0.45 16.3	0.35 15.6	0.24 14.6
(103)	1988	3/ 8 22: 0	17.44 33	0.34 14.0	0.33 11.2	0.29 10.8	0.20 12.4
(104)	1988	3/ 9 0: 0	18.07 32	0.31 12.0	0.26 17.5	0.23 14.7	0.18 14.0
(105)	1988	3/ 9 2: 0	17.83 30	0.39 14.0	0.36 14.0	0.30 14.6	0.22 14.0
(106)	1988	3/ 9 4: 0	17.03 29	0.31 12.0	0.30 12.5	0.28 12.6	0.21 14.3
(107)	1988	3/ 9 6: 0	16.46 32	0.47 15.0	0.44 14.3	* 0.36 14.5	0.25 14.9
(108)	1988	3/ 9 8: 0	16.82 35	* 0.47 14.5	0.41 14.1	0.29 14.6	0.19 13.6
(109)	1988	3/ 9 10: 0	17.74 31	0.42 10.0	0.32 11.3	0.24 13.1	0.18 12.7
(110)	1988	3/ 9 12: 0	18.46 31	0.25 13.0	0.25 13.2	0.22 13.6	0.17 14.7
(111)	1988	3/ 9 14: 0	18.31 10	0.14 14.5	0.14 14.5	0.15 13.7	0.11 15.9
(112)	1988	3/ 9 16: 0	17.38 7	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(113)	1988	3/ 9 18: 0	16.55 30	0.39 13.0	0.34 13.8	0.27 14.4	0.20 13.6
(114)	1988	3/ 9 20: 0	16.55 27	0.32 15.5	0.29 15.0	0.26 13.9	0.19 13.5
(115)	1988	3/ 9 22: 0	17.21 15	0.24 14.0	0.24 14.0	0.24 14.0	0.20 14.4
(116)	1988	3/10 0: 0	17.83 22	0.19 15.5	0.19 14.8	0.16 14.6	0.13 14.9
(117)	1988	3/10 2: 0	17.80 20	0.19 15.5	0.20 13.8	0.17 12.8	0.13 13.7
(118)	1988	3/10 4: 0	17.18 17	0.21 12.0	0.21 11.5	0.18 12.8	0.14 13.8
(119)	1988	3/10 6: 0	16.61 30	0.29 14.0	0.29 13.8	0.26 13.8	0.20 14.5
(120)	1988	3/10 8: 0	16.79 26	0.24 14.0	0.22 14.7	0.19 14.4	0.15 14.7
(121)	1988	3/10 10: 0	17.66 16	* 0.29 14.0	0.29 12.0	* 0.27 12.2	0.22 13.8
(122)	1988	3/10 12: 0	18.25 13	0.20 13.0	0.20 13.0	0.17 13.6	0.13 13.4
(123)	1988	3/10 14: 0	18.31 10	0.14 14.5	0.14 14.5	0.15 13.5	0.11 14.8
(124)	1988	3/10 16: 0	17.62 7	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(125)	1988	3/10 18: 0	16.79 33	0.19 14.0	0.21 11.5	0.17 12.3	0.13 12.5
(126)	1988	3/10 20: 0	16.61 27	0.25 13.0	0.22 12.5	0.19 12.3	0.12 13.9
(127)	1988	3/10 22: 0	17.00 19	0.19 13.5	0.20 13.3	0.19 11.2	0.14 12.5
(128)	1988	3/11 0: 0	17.53 29	0.20 13.0	0.20 13.2	0.17 12.8	0.13 12.9
(129)	1988	3/11 2: 0	17.68 38	* 0.46 9.0	0.27 12.3	0.20 14.0	0.16 12.7
(130)	1988	3/11 4: 0	17.26 27	0.29 13.0	0.24 14.5	0.23 13.8	0.17 14.3
(131)	1988	3/11 6: 0	16.79 39	0.25 13.0	0.22 12.0	0.18 12.3	0.14 12.1
(132)	1988	3/11 8: 0	16.85 23	0.21 11.5	0.20 12.8	0.18 13.3	0.14 12.8
(133)	1988	3/11 10: 0	17.41 26	0.27 11.5	0.24 12.2	0.20 13.5	0.16 13.4
(134)	1988	3/11 12: 0	18.10 39	0.30 13.5	0.30 12.9	0.28 11.8	0.23 11.3
(135)	1988	3/11 14: 0	18.34 21	0.24 14.5	0.21 15.3	0.18 13.1	0.14 13.9
(136)	1988	3/11 16: 0	17.89 28	0.39 8.0	0.29 10.3	0.23 11.8	0.17 13.1
(137)	1988	3/11 18: 0	17.18 31	0.29 14.0	0.27 14.2	0.23 14.2	0.17 13.5
(138)	1988	3/11 20: 0	16.79 31	0.39 13.0	0.37 14.0	* 0.30 13.0	0.20 13.1
(139)	1988	3/11 22: 0	16.91 41	0.32 9.0	0.27 11.0	0.24 11.1	0.18 11.5
(140)	1988	3/12 0: 0	17.24 42	0.40 10.5	0.31 10.6	0.25 11.0	0.18 11.5
(141)	1988	3/12 2: 0	17.41 34	0.43 7.5	0.26 12.2	0.18 13.4	0.14 11.5
(142)	1988	3/12 4: 0	17.24 34	0.25 12.5	0.30 9.7	0.23 12.5	0.18 12.0
(143)	1988	3/12 6: 0	16.94 34	0.19 13.5	0.20 13.0	0.19 13.8	0.14 13.8
(144)	1988	3/12 8: 0	16.94 28	0.35 12.5	0.32 12.3	0.27 13.2	0.19 13.1

	DATE	TIME	DEPTH (M)	MAX	1/10	1/3	MEAN
(217)	1988	3/18 10: 0	18.46 36	0.52 15.0	0.49 15.0	0.44 14.5	0.32 13.4
(218)	1988	3/18 12: 0	18.04 35	0.42 16.6	0.39 15.1	0.34 13.3	0.25 13.9
(219)	1988	3/18 14: 0	16.97 37	0.61 15.0	0.48 15.1	0.39 13.8	0.28 12.2
(220)	1988	3/18 16: 0	16.31 46	* 0.81 8.6	0.61 9.6	0.44 12.2	0.32 10.8
(221)	1988	3/18 18: 0	16.67 36	0.60 16.6	0.46 15.1	0.37 14.5	0.28 12.9
(222)	1988	3/18 20: 0	17.80 33	0.37 16.6	0.34 13.7	0.30 14.9	0.24 14.6
(223)	1988	3/18 22: 0	18.57 27	0.44 14.0	0.43 15.2	0.31 16.0	0.23 15.0
(224)	1988	3/19 0: 0	18.22 29	0.49 14.0	0.45 14.2	0.36 14.6	0.28 14.4
(225)	1988	3/19 2: 0	17.09 30	0.61 15.5	0.51 15.3	0.43 15.3	0.31 14.3
(226)	1988	3/19 4: 0	16.19 32	0.62 14.0	0.68 14.7	0.45 16.4	0.29 14.6
(227)	1988	3/19 6: 0	16.43 30	0.59 16.0	0.51 15.5	0.40 15.6	0.26 14.9
(228)	1988	3/19 8: 0	17.62 26	0.42 15.5	0.37 15.3	0.34 15.3	0.27 16.0
(229)	1988	3/19 10: 0	18.60 29	0.43 14.6	0.40 17.0	0.33 15.9	0.24 15.8
(230)	1988	3/19 12: 0	18.46 31	0.42 16.0	0.41 15.0	0.34 15.3	0.25 15.5
(231)	1988	3/19 14: 0	17.29 25	0.39 14.0	0.34 15.0	0.30 13.6	0.21 13.6
(232)	1988	3/19 16: 0	16.25 40	* 0.77 13.5	0.68 13.9	* 0.57 14.5	0.43 11.7
(233)	1988	3/19 18: 0	16.25 41	0.66 12.0	0.65 13.9	0.52 11.9	0.37 11.8
(234)	1988	3/19 20: 0	17.29 44	0.40 18.5	0.37 15.6	0.34 12.8	0.30 10.6
(235)	1988	3/19 22: 0	18.43 36	0.64 11.5	0.38 13.0	0.33 11.8	0.26 11.5
(236)	1988	3/20 0: 0	18.46 37	0.40 13.0	0.39 12.3	0.34 12.3	0.24 12.0
(237)	1988	3/20 2: 0	17.41 35	* 0.69 7.5	0.34 14.1	0.32 12.9	0.25 11.8
(238)	1988	3/20 4: 0	16.31 38	0.34 13.5	0.32 13.3	0.25 13.2	0.21 10.8
(239)	1988	3/20 6: 0	16.31 37	0.46 15.5	0.38 15.0	0.34 11.3	0.24 10.9
(240)	1988	3/20 8: 0	17.38 16	0.29 13.5	0.29 13.8	0.25 12.5	0.21 12.9
(241)	1988	3/20 10: 0	18.60 22	0.36 13.5	0.30 13.8	0.21 13.5	0.15 13.3
(242)	1988	3/20 12: 0	18.75 23	0.30 13.5	0.30 13.0	0.25 13.6	0.20 13.8
(243)	1988	3/20 14: 0	17.71 29	0.44 13.5	0.43 13.3	* 0.39 13.7	0.28 13.8
(244)	1988	3/20 16: 0	16.40 24	0.42 16.0	0.40 14.0	0.32 13.9	0.23 14.6
(245)	1988	3/20 18: 0	16.01 26	0.23 16.0	0.24 14.0	0.21 13.7	0.16 13.9
(246)	1988	3/20 20: 0	16.79 11	0.37 15.5	0.37 15.6	0.35 14.1	0.31 13.3
(247)	1988	3/20 22: 0	18.04 14	0.15 13.0	0.15 13.0	0.15 12.7	0.12 14.5
(248)	1988	3/21 0: 0	18.46 24	0.30 13.5	0.27 13.8	0.24 14.4	0.17 13.9
(249)	1988	3/21 2: 0	17.65 26	0.30 13.0	0.27 12.8	0.25 13.2	0.19 13.8
(250)	1988	3/21 4: 0	16.65 28	0.36 12.0	0.32 12.7	0.28 13.1	0.21 12.8
(251)	1988	3/21 6: 0	16.25 36	0.29 14.0	0.26 14.5	0.21 14.1	0.17 13.3
(252)	1988	3/21 8: 0	17.12 25	0.30 25.0	0.27 16.5	0.25 14.9	0.21 13.6
(253)	1988	3/21 10: 0	18.40 16	0.29 14.0	0.27 13.8	0.25 13.2	0.19 14.8
(254)	1988	3/21 12: 0	18.87 38	0.27 12.0	0.24 11.1	0.20 11.8	0.16 11.8
(255)	1988	3/21 14: 0	18.10 39	0.72 7.5	0.44 11.1	0.38 11.3	0.33 9.4
(256)	1988	3/21 16: 0	16.73 57	* 1.14 7.0	0.61 10.3	0.50 10.0	0.40 8.7
(257)	1988	3/21 18: 0	16.04 65	1.12 7.5	0.90 7.1	0.69 8.1	0.48 7.5
(258)	1988	3/21 20: 0	16.52 60	0.45 12.5	0.44 10.1	0.47 8.5	0.37 8.2
(259)	1988	3/21 22: 0	17.62 38	0.96 7.5	0.84 7.6	* 0.70 7.4	0.31 10.5
(260)	1988	3/22 0: 0	18.22 59	0.90 7.5	0.66 8.1	0.53 8.4	0.38 8.3
(261)	1988	3/22 2: 0	17.80 49	1.10 8.0	0.72 9.2	0.56 9.5	0.38 10.0
(262)	1988	3/22 4: 0	16.79 54	1.17 7.5	0.92 7.9	0.63 8.9	0.46 8.5
(263)	1988	3/22 6: 0	16.28 57	1.46 7.5	1.27 7.4	0.85 8.2	0.57 8.4
(264)	1988	3/22 8: 0	16.91 58	1.34 7.5	0.73 9.9	0.63 9.1	0.47 8.5
(265)	1988	3/22 10: 0	18.10 62	1.56 7.0	1.01 7.4	0.80 7.5	0.50 7.9
(266)	1988	3/22 12: 0	18.78 52	0.69 9.0	0.61 9.4	0.53 10.0	0.40 9.3
(267)	1988	3/22 14: 0	18.34 44	1.10 8.5	1.11 8.0	0.73 8.8	0.41 9.7
(268)	1988	3/22 16: 0	17.15 56	* 1.70 7.5	1.23 8.2	* 0.95 8.0	0.60 8.7
(269)	1988	3/22 18: 0	16.22 55	1.32 8.0	0.90 9.5	0.77 8.6	0.53 8.7
(270)	1988	3/22 20: 0	16.37 54	0.66 12.0	0.65 9.5	0.55 9.0	0.37 9.0
(271)	1988	3/22 22: 0	17.29 41	0.77 7.5	0.68 8.5	0.41 10.9	0.29 11.3
(272)	1988	3/23 0: 0	18.01 49	0.66 10.0	0.65 8.0	0.55 8.7	0.36 9.4
(273)	1988	3/23 2: 0	17.85 49	0.61 11.0	0.60 9.7	0.45 10.8	0.33 10.0
(274)	1988	3/23 4: 0	17.06 60	0.98 8.5	0.78 8.8	* 0.72 8.5	0.49 8.3
(275)	1988	3/23 6: 0	16.46 54	* 1.16 8.5	1.00 8.3	0.61 9.6	0.42 9.1
(276)	1988	3/23 8: 0	16.85 48	0.86 9.5	0.70 9.6	0.53 9.5	0.35 10.1
(277)	1988	3/23 10: 0	17.80 46	0.56 12.5	0.65 11.2	0.47 11.4	0.37 10.1
(278)	1988	3/23 12: 0	18.57 50	0.81 8.5	0.73 8.2	0.53 9.2	0.39 8.6
(279)	1988	3/23 14: 0	18.43 51	0.90 9.5	0.80 9.3	0.63 11.1	0.41 9.7
(280)	1988	3/23 16: 0	17.47 48	0.86 9.0	0.85 8.2	0.60 9.3	0.40 9.5
(281)	1988	3/23 18: 0	16.56 54	1.11 8.0	0.83 8.1	0.59 8.7	0.37 9.0
(282)	1988	3/23 20: 0	16.43 54	1.02 9.0	0.76 9.0	0.60 8.6	0.37 9.1
(283)	1988	3/23 22: 0	17.06 53	0.63 8.5	0.65 9.2	0.43 9.5	0.33 9.1
(284)	1988	3/24 0: 0	17.71 51	0.88 9.5	0.68 8.6	0.48 9.5	0.33 9.8
(285)	1988	3/24 2: 0	17.80 51	0.80 9.0	0.64 10.2	0.46 9.9	0.33 9.6
(286)	1988	3/24 4: 0	17.26 42	0.74 9.5	0.61 9.9	0.44 11.3	0.32 11.5
(287)	1988	3/24 6: 0	16.76 42	0.78 10.5	0.66 10.9	0.39 12.5	0.29 11.5
(288)	1988	3/24 8: 0	16.88 43	* 0.98 9.5	0.88 9.3	* 0.65 11.6	0.36 11.4

	DATE	TIME	DEPTH (N)	MAX	1/10	1/3	MEAN
(289)	1988	3/24 10: 0	17.59 42	0.59 11.5	0.48 12.0	0.38 12.9	0.29 11.7
(290)	1988	3/24 12: 0	18.28 42	0.60 10.0	0.47 10.6	0.37 11.5	0.27 11.5
(291)	1988	3/24 14: 0	18.37 34	0.62 18.5	0.56 17.7	0.47 17.2	0.33 14.4
(292)	1988	3/24 16: 0	17.74 35	0.42 16.0	0.40 13.8	0.32 16.5	0.25 14.1
(293)	1988	3/24 18: 0	16.94 28	0.51 10.5	0.39 14.5	0.32 16.4	0.24 13.4
(294)	1988	3/24 20: 0	16.67 26	0.52 14.5	0.44 16.8	0.39 17.5	0.29 17.0
(295)	1988	3/24 22: 0	16.97 25	0.39 19.5	0.36 17.2	0.31 17.3	0.22 16.9
(296)	1988	3/25 0: 0	17.47 41	0.39 14.0	0.33 13.5	0.30 12.5	0.22 11.9
(297)	1988	3/25 2: 0	17.62 45	0.92 12.5	0.83 11.7	0.68 11.4	0.48 10.5
(298)	1988	3/25 4: 0	17.32 39	* 1.04 11.0	0.78 11.5	0.61 12.5	0.42 12.4
(299)	1988	3/25 6: 0	16.94 40	0.49 11.0	0.43 13.4	0.36 11.6	0.26 11.4
(300)	1988	3/25 8: 0	16.97 33	0.64 10.0	0.47 13.3	0.39 13.9	0.27 14.3
(301)	1988	3/25 10: 0	17.47 39	0.46 16.5	0.41 15.0	0.36 13.7	0.26 11.7
(302)	1988	3/25 12: 0	18.07 33	0.41 17.0	0.40 16.6	0.36 15.6	0.27 14.7
(303)	1988	3/25 14: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(304)	1988	3/25 16: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0

Table Frequency of Wave Height and Period (Nusa Dua off shore) 1988 3/25 14: 0 >> 1988 4/21 16: 0

H(m)/T(s)	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	22.0	TOTAL	(%)
0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	2	25	132	219	278	283	290	356	488	660	926	1388	1551	1352	834	542	322	190	139	274	10181	100.0

(%) 0.0 0.0 0.2 1.1 2.2 2.7 2.8 2.8 3.5 4.8 6.5 9.1 13.6 15.2 13.1 8.2 5.3 3.2 1.9 1.4 2.2 100.0

Table Wave Calculated Result (Nusa Dua off shore)

	DATE	TIME	DEPTH (N)	MAX	1/10	1/3	MMAN
( 1)	1988	3/25 14: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 2)	1988	3/25 16: 0	17.59 42	* 0.51 10.5	0.47 11.4	0.42 10.4	0.30 10.4
( 3)	1988	3/25 18: 0	17.09 37	0.47 15.0	0.47 14.9	* 0.43 12.4	0.31 12.1
( 4)	1988	3/25 20: 0	16.76 34	0.44 13.5	0.41 14.2	0.34 14.4	0.26 14.1
( 5)	1988	3/25 22: 0	16.88 29	0.42 15.0	0.36 13.3	0.30 12.9	0.22 13.4
( 6)	1988	3/26 0: 0	17.18 32	0.41 12.0	0.36 14.7	0.32 14.0	0.25 14.0
( 7)	1988	3/26 2: 0	17.29 35	0.37 9.5	0.29 11.5	0.26 11.6	0.20 11.7
( 8)	1988	3/26 4: 0	17.18 35	0.33 14.5	0.29 11.5	0.26 11.6	0.19 11.4
( 9)	1988	3/26 6: 0	17.00 23	0.32 16.0	0.30 16.3	0.24 15.7	0.18 14.2
(10)	1988	3/26 8: 0	17.00 32	0.47 14.5	0.42 13.7	0.32 14.4	0.22 11.1
(11)	1988	3/26 10: 0	17.32 31	0.49 11.0	0.41 12.5	0.28 14.3	0.20 12.9
(12)	1988	3/26 12: 0	17.71 32	0.33 15.0	0.27 14.2	0.23 14.9	0.19 13.3
(13)	1988	3/26 14: 0	17.86 32	0.41 12.5	0.35 14.1	0.29 14.6	0.21 14.3
(14)	1988	3/26 16: 0	17.74 29	0.41 12.5	0.35 12.2	0.27 13.6	0.22 12.3
(15)	1988	3/26 18: 0	17.41 39	* 0.56 12.5	0.43 13.6	* 0.38 12.2	0.26 12.5
(16)	1988	3/26 20: 0	17.18 42	0.43 9.5	0.35 11.0	0.29 12.0	0.22 10.9
(17)	1988	3/26 22: 0	17.12 45	0.51 10.5	0.38 10.5	0.29 12.0	0.22 10.8
(18)	1988	3/27 0: 0	17.12 37	* 0.40 12.5	0.31 13.4	0.26 13.3	0.17 13.2
(19)	1988	3/27 2: 0	17.15 23	0.37 11.5	0.34 13.8	0.26 13.1	0.18 13.8
(20)	1988	3/27 4: 0	17.18 28	0.29 17.0	0.23 17.2	0.20 15.9	0.15 13.3
(21)	1988	3/27 6: 0	17.16 32	0.38 14.0	0.36 14.0	* 0.31 14.8	0.22 15.2
(22)	1988	3/27 8: 0	17.21 32	0.40 17.5	0.34 15.2	0.27 15.1	0.19 13.8
(23)	1988	3/27 10: 0	17.38 34	0.37 11.5	0.32 13.0	0.28 12.6	0.19 13.3
(24)	1988	3/27 12: 0	17.59 29	0.24 15.0	0.26 13.2	0.23 13.7	0.17 13.4
(25)	1988	3/27 14: 0	17.65 33	0.27 17.0	0.26 14.2	0.23 15.5	0.18 13.9
(26)	1988	3/27 16: 0	17.68 36	0.37 11.5	0.32 12.4	0.24 13.7	0.17 12.8
(27)	1988	3/27 18: 0	17.62 31	0.27 11.5	0.23 13.2	0.19 15.8	0.15 11.5
(28)	1988	3/27 20: 0	17.50 32	0.39 14.0	0.36 14.5	0.28 14.7	0.19 14.5
(29)	1988	3/27 22: 0	17.32 29	0.27 16.5	0.28 15.2	0.25 15.9	0.20 15.5
(30)	1988	3/28 0: 0	17.16 36	0.29 13.5	0.26 16.3	0.21 15.5	0.18 13.8
(31)	1988	3/28 2: 0	17.06 26	0.42 15.0	0.37 15.0	0.32 14.4	0.21 14.6
(32)	1988	3/28 4: 0	17.09 27	0.43 14.5	0.38 15.7	0.32 15.6	0.24 16.5
(33)	1988	3/28 6: 0	17.26 30	0.43 14.5	0.38 16.0	* 0.35 15.7	0.27 14.8
(34)	1988	3/28 8: 0	17.44 33	0.37 16.0	0.33 16.5	0.31 14.9	0.21 13.8
(35)	1988	3/28 10: 0	17.50 30	0.37 16.5	0.34 16.0	0.29 15.6	0.22 15.2
(36)	1988	3/28 12: 0	17.47 27	0.43 14.0	0.34 16.8	0.26 15.4	0.19 15.1
(37)	1988	3/28 14: 0	17.41 28	* 0.46 12.5	0.36 13.8	0.28 14.6	0.20 16.0
(38)	1988	3/28 16: 0	17.50 30	0.31 12.5	0.27 14.0	0.24 15.9	0.19 14.8
(39)	1988	3/28 18: 0	17.71 31	0.29 14.5	0.28 15.5	0.23 15.4	0.17 14.5
(40)	1988	3/28 20: 0	17.77 33	0.34 14.0	0.32 12.8	0.25 14.2	0.19 12.7
(41)	1988	3/28 22: 0	17.62 33	0.39 14.0	0.34 14.3	0.29 13.7	0.22 13.7
(42)	1988	3/29 0: 0	17.24 32	0.51 15.5	0.45 15.0	0.33 14.9	0.22 14.3
(43)	1988	3/29 2: 0	16.94 31	0.38 14.0	0.37 13.5	0.31 15.1	0.24 14.6
(44)	1988	3/29 4: 0	16.97 30	0.47 15.0	0.39 15.0	0.31 15.8	0.24 15.7
(45)	1988	3/29 6: 0	17.35 27	0.32 16.5	0.29 15.5	0.28 14.3	0.20 13.7
(46)	1988	3/29 8: 0	17.68 32	0.52 15.0	0.46 15.0	0.34 16.0	0.22 14.3
(47)	1988	3/29 10: 0	17.74 30	0.44 14.0	0.44 13.8	0.35 15.2	0.25 15.6
(48)	1988	3/29 12: 0	17.53 30	0.47 15.5	0.43 16.2	0.39 15.3	0.28 15.3
(49)	1988	3/29 14: 0	17.29 29	0.41 16.5	0.39 15.2	0.31 16.1	0.22 15.7
(50)	1988	3/29 16: 0	17.36 28	0.36 16.5	0.32 17.0	0.26 16.6	0.20 16.5
(51)	1988	3/29 18: 0	17.74 24	0.31 20.0	0.31 18.3	0.25 16.6	0.19 16.0
(52)	1988	3/29 20: 0	18.04 33	0.32 17.0	0.32 16.0	0.29 15.5	0.22 13.7
(53)	1988	3/29 22: 0	17.89 27	* 0.58 18.0	0.57 17.5	* 0.50 18.3	0.37 16.9
(54)	1988	3/30 0: 0	17.38 28	0.52 18.0	0.53 16.8	0.56 17.4	0.40 16.0
(55)	1988	3/30 2: 0	16.88 29	0.49 13.0	0.41 14.8	0.33 15.2	0.24 13.9
(56)	1988	3/30 4: 0	16.86 27	0.58 18.0	0.55 18.0	0.50 18.0	0.38 18.0
(57)	1988	3/30 6: 0	17.32 35	0.43 14.5	0.39 14.5	0.35 14.0	0.26 13.1
(58)	1988	3/30 8: 0	17.83 24	0.42 15.0	0.38 17.5	0.33 17.2	0.25 16.0
(59)	1988	3/30 10: 0	17.92 30	0.54 16.5	0.57 17.3	0.49 16.8	0.33 16.1
(60)	1988	3/30 12: 0	17.53 33	0.56 12.5	0.51 14.7	0.41 16.4	0.29 14.7
(61)	1988	3/30 14: 0	17.12 28	0.51 12.5	0.38 16.7	0.34 16.3	0.25 15.9
(62)	1988	3/30 16: 0	17.06 33	0.46 12.0	0.39 13.5	0.33 14.4	0.23 14.5
(63)	1988	3/30 18: 0	17.53 31	0.48 20.5	0.44 19.0	0.37 18.1	0.25 15.2
(64)	1988	3/30 20: 0	18.07 32	0.59 16.5	0.56 16.7	0.59 16.7	0.42 16.0
(65)	1988	3/30 22: 0	18.10 31	* 0.84 16.5	0.81 16.3	* 0.72 16.2	0.55 16.0
(66)	1988	3/31 0: 0	17.50 33	0.59 16.0	0.51 16.7	0.50 16.8	0.38 14.5
(67)	1988	3/31 2: 0	18.88 31	0.71 14.5	0.62 16.3	0.51 16.9	0.37 14.9
(68)	1988	3/31 4: 0	16.70 36	0.71 14.5	0.59 14.1	0.46 15.2	0.31 13.5
(69)	1988	3/31 6: 0	17.24 26	0.95 16.0	0.93 16.5	0.78 16.4	0.50 16.1
(70)	1988	3/31 8: 0	17.96 28	0.59 16.5	0.53 16.3	0.57 16.1	0.40 15.9
(71)	1988	3/31 10: 0	18.10 32	0.89 16.5	0.81 16.5	0.67 16.9	0.47 15.2
(72)	1988	3/31 12: 0	17.71 30	* 0.97 16.0	0.87 16.2	* 0.80 15.8	0.63 16.1

	DATE	TIME	DEPTH (M)	MAX	1/10	1/3	MRAN
( 73)	1988	3/31 14: 0	17.09 34	0.74 15.5	0.65 17.0	0.56 15.8	0.37 14.2
( 74)	1988	3/31 16: 0	16.85 30	0.73 16.0	0.66 16.5	0.54 16.1	0.39 16.2
( 75)	1988	3/31 18: 0	17.32 31	0.60 15.5	0.54 16.5	0.47 15.8	0.34 14.9
( 76)	1988	3/31 20: 0	18.04 30	0.66 16.5	0.61 16.0	0.41 15.2	0.30 14.5
( 77)	1988	3/31 22: 0	18.28 37	0.81 16.0	0.74 16.0	0.56 16.4	0.36 13.9
( 78)	1988	4/ 1 0: 0	17.77 33	* 1.22 17.0	1.17 16.5	0.85 16.1	0.54 14.8
( 79)	1988	4/ 1 2: 0	16.97 31	1.22 13.5	1.06 14.3	* 0.87 14.7	0.59 15.4
( 80)	1988	4/ 1 4: 0	16.61 34	1.01 15.5	0.90 16.7	0.66 15.2	0.46 14.2
( 81)	1988	4/ 1 6: 0	17.12 31	0.87 16.0	0.81 16.0	0.72 15.6	0.48 15.3
( 82)	1988	4/ 1 8: 0	17.92 31	0.99 16.0	0.92 16.5	0.68 15.9	0.42 15.6
( 83)	1988	4/ 1 10: 0	18.31 32	0.67 12.5	0.59 14.3	0.50 15.6	0.38 15.3
( 84)	1988	4/ 1 12: 0	17.86 29	0.94 13.5	0.78 14.3	0.67 14.8	0.53 14.9
( 85)	1988	4/ 1 14: 0	17.09 32	0.76 14.5	0.72 14.0	0.61 14.2	0.46 15.0
( 86)	1988	4/ 1 16: 0	16.61 33	0.63 16.5	0.64 14.8	0.60 14.8	0.44 15.1
( 87)	1988	4/ 1 18: 0	17.03 32	0.57 14.6	0.53 15.0	0.49 14.8	0.35 15.1
( 88)	1988	4/ 1 20: 0	17.86 31	0.51 16.0	0.49 14.5	0.41 15.1	0.28 15.3
( 89)	1988	4/ 1 22: 0	18.34 36	0.56 15.5	0.48 16.4	0.40 14.5	0.27 13.0
( 90)	1988	4/ 2 0: 0	17.92 31	* 0.74 13.5	0.65 14.0	0.53 14.1	0.35 14.3
( 91)	1988	4/ 2 2: 0	17.03 31	0.56 15.0	0.55 14.5	0.46 15.2	0.33 15.0
( 92)	1988	4/ 2 4: 0	16.56 36	0.69 13.0	0.60 14.3	0.51 14.8	0.37 13.9
( 93)	1988	4/ 2 6: 0	16.94 36	0.62 14.0	0.59 14.9	0.46 14.3	0.32 13.5
( 94)	1988	4/ 2 8: 0	17.89 31	0.50 13.0	0.42 13.2	0.33 14.3	0.25 13.5
( 95)	1988	4/ 2 10: 0	18.46 37	0.41 12.5	0.34 13.0	0.29 13.0	0.20 13.1
( 96)	1988	4/ 2 12: 0	18.10 29	0.63 14.5	0.45 13.2	0.34 15.2	0.26 14.9
( 97)	1988	4/ 2 14: 0	17.16 36	0.54 13.5	0.44 13.1	0.36 13.8	0.25 13.3
( 98)	1988	4/ 2 16: 0	16.49 36	0.72 14.0	0.66 13.1	* 0.53 13.3	0.32 13.6
( 99)	1988	4/ 2 18: 0	16.79 32	0.37 15.0	0.37 12.6	0.29 15.0	0.21 15.1
(100)	1988	4/ 2 20: 0	17.68 24	0.40 13.0	0.37 13.0	0.31 13.5	0.22 14.4
(101)	1988	4/ 2 22: 0	18.34 24	0.41 16.5	0.42 13.8	0.32 14.5	0.23 14.8
(102)	1988	4/ 3 0: 0	18.10 31	0.52 15.0	0.43 15.7	0.38 15.9	0.28 14.5
(103)	1988	4/ 3 2: 0	17.21 30	0.56 15.0	0.50 16.0	0.43 16.0	0.28 16.2
(104)	1988	4/ 3 4: 0	16.56 33	0.39 13.5	0.37 14.0	0.33 14.0	0.23 13.8
(105)	1988	4/ 3 6: 0	16.85 29	0.47 15.0	0.42 15.2	0.36 15.1	0.22 15.9
(106)	1988	4/ 3 8: 0	17.80 24	0.55 16.0	0.48 16.8	0.36 16.9	0.28 16.0
(107)	1988	4/ 3 10: 0	18.52 29	0.48 14.5	0.44 15.2	0.38 15.8	0.26 15.9
(108)	1988	4/ 3 12: 0	18.31 28	0.60 16.0	0.55 15.8	0.47 17.1	0.32 16.4
(109)	1988	4/ 3 14: 0	17.29 26	0.69 16.0	0.65 16.3	* 0.57 16.2	0.42 16.3
(110)	1988	4/ 3 16: 0	16.43 36	* 0.76 14.0	0.68 15.6	0.46 14.7	0.22 13.2
(111)	1988	4/ 3 18: 0	16.52 31	0.52 14.5	0.48 15.5	0.43 15.6	0.34 14.6
(112)	1988	4/ 3 20: 0	17.41 29	0.70 16.5	0.66 15.8	0.51 15.6	0.34 16.8
(113)	1988	4/ 3 22: 0	18.19 31	0.48 14.6	0.43 14.5	0.35 14.5	0.26 14.8
(114)	1988	4/ 4 0: 0	18.13 26	0.43 15.0	0.42 15.5	0.36 15.1	0.26 15.1
(115)	1988	4/ 4 2: 0	17.29 31	* 0.57 14.5	0.56 14.3	* 0.49 14.4	0.35 15.6
(116)	1988	4/ 4 4: 0	16.52 29	0.48 13.5	0.43 13.7	0.37 14.1	0.26 14.6
(117)	1988	4/ 4 6: 0	16.70 31	0.52 14.5	0.49 14.5	0.43 14.4	0.30 14.8
(118)	1988	4/ 4 8: 0	17.66 26	0.39 14.0	0.34 13.7	0.30 14.7	0.24 15.0
(119)	1988	4/ 4 10: 0	18.49 27	0.32 17.5	0.33 15.7	0.28 14.5	0.20 14.3
(120)	1988	4/ 4 12: 0	18.43 27	0.32 17.0	0.30 15.2	0.26 14.4	0.21 14.7
(121)	1988	4/ 4 14: 0	17.44 19	0.40 13.0	0.37 13.5	0.31 13.4	0.21 15.4
(122)	1988	4/ 4 16: 0	16.40 33	0.52 14.0	0.50 14.5	0.38 14.5	0.28 14.5
(123)	1988	4/ 4 18: 0	16.28 33	0.46 15.0	0.44 14.3	0.40 14.3	0.26 14.3
(124)	1988	4/ 4 20: 0	17.12 34	0.38 14.0	0.38 14.3	0.35 14.0	0.27 12.4
(125)	1988	4/ 4 22: 0	17.98 32	0.33 15.6	0.30 14.5	0.27 13.2	0.21 13.1
(126)	1988	4/ 5 0: 0	18.16 25	0.40 13.5	0.33 17.8	0.30 15.6	0.22 14.9
(127)	1988	4/ 5 2: 0	17.41 26	0.42 15.5	0.37 15.5	0.32 17.3	0.24 16.3
(128)	1988	4/ 5 4: 0	16.68 27	0.50 16.5	0.39 16.2	0.33 14.2	0.25 14.7
(129)	1988	4/ 5 6: 0	16.61 30	0.46 16.5	0.41 16.7	0.33 15.4	0.25 14.6
(130)	1988	4/ 5 8: 0	17.50 28	0.72 17.5	0.59 18.3	0.47 18.4	0.32 18.6
(131)	1988	4/ 5 10: 0	18.46 25	0.40 19.0	0.36 18.3	0.31 16.9	0.21 16.3
(132)	1988	4/ 5 12: 0	18.57 29	0.44 20.5	0.40 18.8	0.37 17.4	0.27 16.7
(133)	1988	4/ 5 14: 0	17.71 27	0.63 18.0	0.55 17.7	0.45 17.2	0.30 16.9
(134)	1988	4/ 5 16: 0	16.58 29	0.49 17.5	0.47 16.6	0.39 16.4	0.28 16.2
(135)	1988	4/ 5 18: 0	16.19 31	0.54 17.0	0.53 15.7	0.42 15.8	0.27 14.1
(136)	1988	4/ 5 20: 0	16.85 26	* 0.86 17.0	0.81 16.7	* 0.70 17.0	0.48 16.8
(137)	1988	4/ 5 22: 0	17.71 30	0.59 16.5	0.59 15.8	0.47 16.4	0.31 15.2
(138)	1988	4/ 6 0: 0	18.07 28	0.88 16.0	0.88 16.2	0.68 16.1	0.45 17.2
(139)	1988	4/ 6 2: 0	17.53 30	0.87 16.0	0.83 16.2	0.63 16.5	0.46 15.8
(140)	1988	4/ 6 4: 0	16.73 29	* 1.33 16.0	1.30 15.7	* 1.09 16.0	0.72 16.7
(141)	1988	4/ 6 6: 0	16.66 33	0.97 15.5	0.92 15.8	0.78 15.5	0.51 14.7
(142)	1988	4/ 6 8: 0	17.29 27	0.64 16.0	0.63 16.0	0.55 16.0	0.40 16.0
(143)	1988	4/ 6 10: 0	18.28 30	0.66 15.5	0.63 16.7	0.56 16.8	0.39 16.3
(144)	1988	4/ 6 12: 0	18.60 28	0.66 15.5	0.61 14.7	0.48 14.4	0.30 16.2

	DATE	TIME	DRPTH (N)	MAX	1/10	1/3	MEAN
(145)	1988	4/ 6 14: 0	17.96 26	1.18 15.0	1.07 15.0	0.86 15.7	0.57 15.9
(146)	1988	4/ 6 16: 0	16.79 32	1.03 15.0	1.01 15.2	0.86 15.5	0.59 15.3
(147)	1988	4/ 6 18: 0	16.19 32	1.25 15.0	1.04 15.0	0.92 15.1	0.61 15.5
(148)	1988	4/ 6 20: 0	16.61 32	0.90 14.6	0.88 15.2	0.77 15.1	0.56 15.1
(149)	1988	4/ 6 22: 0	17.47 31	0.65 15.5	0.63 14.7	0.66 15.2	0.38 14.6
(150)	1988	4/ 7 0: 0	17.96 32	0.67 14.6	0.63 14.7	0.55 14.8	0.38 15.1
(151)	1988	4/ 7 2: 0	17.69 28	* 0.92 14.0	0.91 14.2	* 0.79 14.6	0.51 15.3
(162)	1988	4/ 7 4: 0	16.91 31	0.74 15.6	0.71 14.3	0.64 14.7	0.46 14.7
(153)	1988	4/ 7 6: 0	16.61 36	0.65 12.5	0.62 13.5	0.54 13.8	0.37 13.5
(154)	1988	4/ 7 8: 0	17.21 24	0.47 14.6	0.42 14.8	0.37 14.4	0.27 13.8
(155)	1988	4/ 7 10: 0	18.10 25	0.49 14.0	0.44 14.0	0.37 15.0	0.26 15.9
(156)	1988	4/ 7 12: 0	18.57 33	0.61 13.0	0.51 14.8	0.42 15.5	0.31 14.9
(157)	1988	4/ 7 14: 0	18.16 32	0.43 14.5	0.41 13.5	0.38 13.9	0.26 13.9
(158)	1988	4/ 7 16: 0	17.16 25	0.43 14.0	0.39 13.8	0.32 15.8	0.22 15.5
(159)	1988	4/ 7 18: 0	16.37 34	0.63 13.6	0.48 13.8	0.38 14.0	0.24 14.0
(160)	1988	4/ 7 20: 0	16.62 33	0.51 15.0	0.44 14.2	0.35 15.3	0.24 14.4
(161)	1988	4/ 7 22: 0	17.18 27	0.46 16.5	0.39 15.7	0.31 15.4	0.20 15.4
(162)	1988	4/ 8 0: 0	17.71 27	0.67 14.6	0.66 14.6	0.43 15.4	0.28 15.4
(163)	1988	4/ 8 2: 0	17.62 32	0.62 14.5	0.53 15.2	0.42 14.7	0.29 15.5
(164)	1988	4/ 8 4: 0	17.03 29	0.55 16.0	0.54 15.8	0.47 15.8	0.34 15.9
(165)	1988	4/ 8 6: 0	16.64 31	0.67 14.5	0.51 15.5	0.44 15.2	0.30 15.4
(166)	1988	4/ 8 8: 0	17.03 27	0.58 14.0	0.55 13.3	0.47 13.5	0.33 15.0
(167)	1988	4/ 8 10: 0	17.83 31	0.66 15.5	0.53 15.5	0.45 15.5	0.29 15.8
(168)	1988	4/ 8 12: 0	18.43 27	0.69 17.5	0.57 15.3	0.49 15.9	0.33 15.8
(169)	1988	4/ 8 14: 0	18.22 28	0.99 15.0	0.84 15.0	0.69 15.3	0.46 15.4
(170)	1988	4/ 8 16: 0	17.41 33	* 1.41 15.5	1.20 15.0	0.82 15.8	0.48 14.3
(171)	1988	4/ 8 18: 0	16.64 31	1.15 15.5	1.08 15.5	* 0.95 15.7	0.61 15.6
(172)	1988	4/ 8 20: 0	16.62 31	1.15 15.5	1.02 15.2	0.80 15.7	0.46 14.6
(173)	1988	4/ 8 22: 0	16.97 29	1.10 15.0	1.02 15.0	0.87 15.0	0.69 15.5
(174)	1988	4/ 9 0: 0	17.47 29	0.75 15.0	0.69 15.8	0.62 15.5	0.43 15.1
(175)	1988	4/ 9 2: 0	17.63 29	0.82 14.0	0.73 14.5	0.57 15.3	0.41 15.1
(176)	1988	4/ 9 4: 0	17.15 30	* 1.22 15.0	1.05 15.3	0.80 15.2	0.51 15.4
(177)	1988	4/ 9 6: 0	16.79 32	0.83 13.5	0.77 14.3	0.67 14.5	0.48 15.1
(178)	1988	4/ 9 8: 0	17.00 30	1.20 15.5	1.15 15.0	* 1.05 15.7	0.81 15.0
(179)	1988	4/ 9 10: 0	17.65 32	0.63 14.0	0.64 14.5	0.42 14.5	0.28 15.2
(180)	1988	4/ 9 12: 0	18.19 31	0.88 14.0	0.83 14.0	0.63 14.5	0.37 15.5
(181)	1988	4/ 9 14: 0	18.22 30	0.98 15.5	0.94 14.7	0.72 15.0	0.42 14.1
(182)	1988	4/ 9 16: 0	17.68 32	0.56 15.5	0.52 15.0	0.46 14.9	0.33 15.3
(183)	1988	4/ 9 18: 0	16.97 31	0.65 15.0	0.61 15.2	0.49 15.0	0.34 15.4
(184)	1988	4/ 9 20: 0	16.67 31	0.52 14.5	0.44 14.8	0.40 14.3	0.28 14.2
(185)	1988	4/ 9 22: 0	16.91 26	0.49 13.5	0.41 13.3	0.35 14.2	0.26 14.0
(186)	1988	4/10 0: 0	17.24 26	0.40 13.0	0.37 13.7	0.29 14.5	0.20 14.7
(187)	1988	4/10 2: 0	17.38 34	0.43 14.0	0.43 14.5	0.35 13.9	0.24 13.5
(188)	1988	4/10 4: 0	17.18 33	* 0.67 14.0	0.67 14.5	* 0.43 14.0	0.28 13.4
(189)	1988	4/10 6: 0	16.94 33	0.46 12.5	0.40 13.8	0.36 14.0	0.28 14.5
(190)	1988	4/10 8: 0	17.03 32	0.62 14.5	0.67 14.3	0.42 14.5	0.27 14.1
(191)	1988	4/10 10: 0	17.44 31	0.34 14.0	0.34 14.0	0.31 13.1	0.21 14.0
(192)	1988	4/10 12: 0	17.89 35	0.42 15.0	0.39 13.9	0.33 14.6	0.25 14.0
(193)	1988	4/10 14: 0	18.04 27	0.39 13.5	0.33 13.2	0.27 13.6	0.20 14.7
(194)	1988	4/10 16: 0	17.80 31	0.52 12.0	0.41 11.7	0.30 13.1	0.21 13.5
(195)	1988	4/10 18: 0	17.32 37	0.45 13.0	0.35 12.1	0.29 12.3	0.21 13.0
(196)	1988	4/10 20: 0	16.94 29	0.34 13.5	0.31 13.0	0.27 13.5	0.19 13.9
(197)	1988	4/10 22: 0	16.91 27	0.42 11.5	0.34 13.5	0.26 12.8	0.17 13.6
(198)	1988	4/11 0: 0	17.00 27	0.26 19.5	0.24 15.2	0.20 15.0	0.14 15.3
(199)	1988	4/11 2: 0	17.15 30	0.35 12.5	0.29 13.5	0.23 13.9	0.15 15.7
(200)	1988	4/11 4: 0	17.18 27	0.31 17.5	0.28 14.5	0.21 15.4	0.15 14.6
(201)	1988	4/11 6: 0	17.12 31	0.33 15.0	0.29 15.5	0.22 17.5	0.17 14.4
(202)	1988	4/11 8: 0	17.15 31	0.29 14.0	0.25 14.3	0.21 13.8	0.15 14.7
(203)	1988	4/11 10: 0	17.35 28	0.28 15.5	0.24 17.3	0.22 15.5	0.17 14.9
(204)	1988	4/11 12: 0	17.59 27	0.30 23.0	0.29 15.3	0.25 18.0	0.18 15.1
(205)	1988	4/11 14: 0	17.77 29	0.40 18.5	0.35 18.7	0.30 18.0	0.21 16.4
(206)	1988	4/11 16: 0	17.80 29	0.36 17.0	0.33 18.3	0.27 19.6	0.20 15.7
(207)	1988	4/11 18: 0	17.62 25	0.50 17.0	0.50 17.2	* 0.41 18.1	0.28 18.7
(208)	1988	4/11 20: 0	17.32 26	0.36 17.0	0.34 17.3	0.30 17.2	0.23 15.2
(209)	1988	4/11 22: 0	17.06 27	* 0.64 17.0	0.45 17.7	0.38 17.9	0.27 18.0
(210)	1988	4/12 0: 0	16.91 26	0.64 17.5	0.46 18.0	0.41 17.1	0.31 17.7
(211)	1988	4/12 2: 0	16.91 30	0.81 17.0	0.71 17.8	0.57 17.5	0.37 15.7
(212)	1988	4/12 4: 0	17.09 30	0.71 18.0	0.71 17.2	0.61 17.6	0.41 15.5
(213)	1988	4/12 6: 0	17.29 28	0.94 18.0	0.88 17.8	0.73 17.8	0.49 15.3
(214)	1988	4/12 8: 0	17.38 27	0.95 17.0	0.78 17.2	0.63 17.9	0.45 17.3
(215)	1988	4/12 10: 0	17.35 28	* 1.45 17.0	1.21 17.0	* 0.98 15.8	0.59 17.0

	DATE	TIME	DEPTH (N)	MAX	1/10	1/3	MEAN
(216)	1988	4/12 12: 0	17.29 25	1.09 16.6	0.96 16.3	0.81 16.8	0.61 16.9
(217)	1988	4/12 14: 0	17.38 30	1.06 16.6	1.03 16.0	0.86 16.5	0.57 16.1
(218)	1988	4/12 16: 0	17.59 29	1.37 16.5	1.26 16.7	0.87 16.5	0.55 16.3
(219)	1988	4/12 18: 0	17.77 32	0.97 16.0	0.94 16.2	0.82 16.1	0.54 16.1
(220)	1988	4/12 20: 0	17.68 30	1.06 16.6	0.99 16.3	0.84 16.7	0.56 16.0
(221)	1988	4/12 22: 0	17.29 31	0.82 16.5	0.80 16.0	0.67 15.7	0.50 15.1
(222)	1988	4/13 0: 0	16.88 33	1.07 16.0	0.93 15.3	0.76 15.3	0.54 14.6
(223)	1988	4/13 2: 0	16.67 31	* 1.33 16.0	1.23 16.0	* 1.01 16.0	0.66 15.7
(224)	1988	4/13 4: 0	16.94 32	1.31 15.0	1.26 15.3	1.00 15.3	0.75 15.0
(225)	1988	4/13 6: 0	17.38 29	0.84 16.5	0.67 15.3	0.56 15.6	0.41 15.0
(226)	1988	4/13 8: 0	17.68 30	0.88 16.0	0.84 16.7	0.72 16.3	0.50 15.1
(227)	1988	4/13 10: 0	17.66 37	0.97 16.0	0.96 14.8	0.78 15.5	0.44 13.1
(228)	1988	4/13 12: 0	17.21 40	0.72 14.0	0.65 14.6	0.55 14.6	0.40 12.0
(229)	1988	4/13 14: 0	17.00 36	0.88 13.5	0.78 14.8	0.66 16.0	0.44 13.7
(230)	1988	4/13 16: 0	17.24 38	1.04 14.5	0.96 14.6	0.76 15.0	0.54 12.8
(231)	1988	4/13 18: 0	17.68 40	0.69 13.5	0.69 13.9	0.51 13.1	0.37 11.9
(232)	1988	4/13 20: 0	17.92 34	0.61 15.5	0.58 15.3	0.47 15.6	0.34 13.6
(233)	1988	4/13 22: 0	17.62 37	0.66 15.0	0.66 12.8	0.53 14.9	0.39 12.4
(234)	1988	4/14 0: 0	16.97 31	0.85 14.5	0.77 14.7	0.63 15.1	0.47 14.5
(235)	1988	4/14 2: 0	16.52 35	0.76 14.0	0.68 15.3	0.59 15.4	0.43 13.9
(236)	1988	4/14 4: 0	16.70 31	1.04 14.5	0.90 15.3	* 0.80 15.5	0.62 15.7
(237)	1988	4/14 6: 0	17.35 31	0.78 13.5	0.67 14.2	0.55 15.3	0.41 15.2
(238)	1988	4/14 8: 0	17.89 32	0.80 15.0	0.60 15.3	0.56 15.0	0.39 15.0
(239)	1988	4/14 10: 0	17.80 34	0.87 14.0	0.79 14.8	0.68 15.0	0.46 14.4
(240)	1988	4/14 12: 0	17.18 29	* 1.09 14.5	0.93 14.8	0.75 14.8	0.56 15.0
(241)	1988	4/14 14: 0	16.61 32	1.05 14.0	0.90 14.8	0.73 14.7	0.49 15.1
(242)	1988	4/14 16: 0	16.70 31	0.76 17.0	0.76 15.3	0.66 14.9	0.48 14.7
(243)	1988	4/14 18: 0	17.38 34	0.86 14.5	0.79 14.5	0.62 14.4	0.41 14.1
(244)	1988	4/14 20: 0	17.98 32	0.65 16.0	0.52 16.2	0.46 16.2	0.31 15.2
(245)	1988	4/14 22: 0	17.89 34	0.99 15.0	0.87 14.2	0.68 14.9	0.46 14.4
(246)	1988	4/15 0: 0	17.16 36	0.99 13.0	0.80 13.5	0.68 14.3	0.45 13.6
(247)	1988	4/15 2: 0	16.40 33	* 1.03 14.5	0.99 14.3	* 0.83 14.5	0.51 14.0
(248)	1988	4/15 4: 0	16.43 25	0.71 14.0	0.66 14.2	0.57 14.4	0.36 13.9
(249)	1988	4/15 6: 0	17.24 28	0.70 15.0	0.71 14.8	0.65 15.3	0.46 15.1
(250)	1988	4/15 8: 0	18.04 29	0.50 17.0	0.47 17.5	0.41 16.4	0.30 15.8
(251)	1988	4/15 10: 0	18.13 28	0.55 16.5	0.54 16.2	0.50 16.5	0.38 16.6
(252)	1988	4/15 12: 0	17.38 28	0.75 15.0	0.64 15.2	0.51 15.8	0.35 15.6
(253)	1988	4/15 14: 0	16.52 30	0.92 15.5	0.80 15.2	0.60 14.8	0.40 14.8
(254)	1988	4/15 16: 0	16.37 36	0.60 15.0	0.69 14.4	0.52 14.6	0.39 13.9
(255)	1988	4/15 18: 0	17.00 28	0.77 14.0	0.62 14.3	0.48 14.8	0.31 15.1
(256)	1988	4/15 20: 0	17.89 34	0.57 14.5	0.53 14.3	0.43 14.5	0.29 13.6
(257)	1988	4/15 22: 0	18.13 32	0.57 16.0	0.56 14.3	0.40 13.8	0.27 14.1
(258)	1988	4/16 0: 0	17.47 30	0.95 14.5	0.90 14.7	* 0.82 14.8	0.62 15.2
(259)	1988	4/16 2: 0	16.55 34	* 0.95 14.0	0.94 13.8	0.78 14.5	0.52 13.9
(260)	1988	4/16 4: 0	16.34 34	0.81 14.0	0.68 14.3	0.54 14.4	0.38 14.1
(261)	1988	4/16 6: 0	17.09 33	0.49 13.5	0.47 13.5	0.40 14.4	0.30 13.7
(262)	1988	4/16 8: 0	18.13 30	0.40 13.0	0.39 12.7	0.34 13.5	0.26 13.9
(263)	1988	4/16 10: 0	18.49 38	0.52 15.0	0.38 15.1	0.29 14.3	0.22 12.3
(264)	1988	4/16 12: 0	17.74 24	0.52 15.0	0.47 15.5	0.38 14.8	0.26 15.0
(265)	1988	4/16 14: 0	16.58 29	0.45 12.5	0.40 12.3	0.29 13.9	0.23 13.3
(266)	1988	4/16 16: 0	16.01 34	0.47 14.0	0.43 13.5	0.38 14.1	0.29 14.1
(267)	1988	4/16 18: 0	16.52 31	0.43 14.0	0.41 14.2	0.36 13.8	0.27 14.2
(268)	1988	4/16 20: 0	17.59 33	0.49 13.5	0.49 12.5	0.42 13.3	0.30 13.4
(269)	1988	4/16 22: 0	18.16 35	0.38 11.5	0.30 12.9	0.25 14.0	0.19 13.0
(270)	1988	4/17 0: 0	17.71 38	0.52 14.5	0.47 13.5	0.36 13.1	0.24 12.8
(271)	1988	4/17 2: 0	16.73 38	0.58 13.5	0.55 13.5	0.46 14.1	0.34 12.8
(272)	1988	4/17 4: 0	16.22 43	* 0.69 13.0	0.50 13.3	0.42 12.6	0.30 11.4
(273)	1988	4/17 6: 0	16.79 38	0.57 14.5	0.59 13.1	* 0.52 13.1	0.41 12.1
(274)	1988	4/17 8: 0	17.98 41	0.57 9.5	0.55 8.4	0.36 10.0	0.26 11.1
(275)	1988	4/17 10: 0	18.63 32	0.36 13.0	0.32 13.0	0.27 12.8	0.20 12.7
(276)	1988	4/17 12: 0	18.13 32	0.39 14.0	0.37 12.8	0.33 11.6	0.24 11.0
(277)	1988	4/17 14: 0	16.85 25	0.31 10.5	0.29 10.8	0.26 16.2	0.21 13.1
(278)	1988	4/17 16: 0	15.93 43	0.33 14.0	0.33 11.0	0.28 11.5	0.20 10.5
(279)	1988	4/17 18: 0	16.13 34	0.35 12.5	0.32 12.0	0.29 12.2	0.23 13.0
(280)	1988	4/17 20: 0	17.18 28	0.36 13.0	0.35 12.5	0.35 11.0	0.24 13.5
(281)	1988	4/17 22: 0	18.01 40	0.40 13.0	0.40 9.8	0.30 11.4	0.22 10.6
(282)	1988	4/18 0: 0	17.89 27	0.29 14.5	0.28 16.2	0.25 13.3	0.19 12.7
(283)	1988	4/18 2: 0	16.91 28	0.29 25.0	0.30 15.0	0.27 12.8	0.22 12.9
(284)	1988	4/18 4: 0	16.19 52	0.66 7.5	0.46 8.9	0.33 10.2	0.24 9.5
(285)	1988	4/18 6: 0	16.52 46	0.66 7.5	0.42 10.6	0.38 10.2	0.27 10.2
(286)	1988	4/18 8: 0	17.71 42	0.70 11.5	0.63 10.3	0.52 11.0	0.37 11.6
(287)	1988	4/18 10: 0	18.63 42	0.45 9.5	0.38 10.4	0.32 10.9	0.24 11.1
(288)	1988	4/18 12: 0	18.43 32	0.70 9.5	0.53 11.8	0.43 10.9	0.28 11.1



	DATE	TIME	DEPTH (N)	MAX	1/10	1/3	MEAN	
(289)	1988	4/18	14: 0	17.24 29	* 0.77 10.0	0.68 10.2	* 0.58 10.6	0.38 10.8
(290)	1988	4/18	16: 0	16.04 43	0.36 11.5	0.29 12.3	0.27 10.2	0.21 10.1
(291)	1988	4/18	18: 0	15.90 39	0.34 10.0	0.29 11.3	0.25 11.0	0.18 12.4
(292)	1988	4/18	20: 0	16.85 37	0.67 7.5	0.37 11.4	0.29 13.0	0.25 11.7
(293)	1988	4/18	22: 0	17.80 42	0.55 11.0	0.52 10.0	0.38 11.5	0.26 11.7
(294)	1988	4/19	0: 0	17.98 45	* 0.72 10.0	0.66 10.4	* 0.45 10.3	0.30 10.8
(295)	1988	4/19	2: 0	17.18 41	0.44 18.5	0.46 11.6	0.34 13.9	0.26 11.5
(296)	1988	4/19	4: 0	16.37 38	0.43 13.5	0.42 12.6	0.36 13.1	0.27 11.8
(297)	1988	4/19	6: 0	16.43 45	0.40 12.5	0.49 9.4	0.37 12.1	0.29 10.7
(298)	1988	4/19	8: 0	17.38 28	0.62 8.0	0.38 12.2	0.32 13.5	0.26 13.1
(299)	1988	4/19	10: 0	18.43 38	0.35 20.0	0.36 17.3	0.31 16.2	0.23 12.7
(300)	1988	4/19	12: 0	18.54 29	0.27 17.5	0.29 14.8	0.24 16.5	0.18 14.4
(301)	1988	4/19	14: 0	17.59 27	0.36 18.0	0.35 15.8	0.32 15.9	0.25 17.2
(302)	1988	4/19	16: 0	16.31 29	0.45 16.5	0.39 17.2	0.32 15.9	0.24 14.6
(303)	1988	4/19	18: 0	15.87 35	0.50 16.0	0.48 15.6	0.41 14.5	0.30 13.7
(304)	1988	4/19	20: 0	16.46 36	0.51 12.0	0.50 10.4	0.40 12.8	0.28 13.6
(305)	1988	4/19	22: 0	17.50 37	0.54 17.0	0.49 16.0	0.38 16.7	0.29 12.8
(306)	1988	4/20	0: 0	17.92 29	0.64 17.0	0.52 16.3	0.41 17.1	0.29 15.6
(307)	1988	4/20	2: 0	17.38 27	0.67 18.0	0.65 17.0	0.53 17.7	0.36 16.7
(308)	1988	4/20	4: 0	16.55 31	0.68 16.0	0.65 16.7	0.58 16.6	0.41 14.5
(309)	1988	4/20	6: 0	16.43 32	0.78 16.0	0.73 16.2	0.69 16.0	0.42 16.0
(310)	1988	4/20	8: 0	17.18 30	0.58 17.5	0.57 16.0	0.47 16.2	0.35 16.0
(311)	1988	4/20	10: 0	18.22 30	0.44 13.5	0.39 16.0	0.34 17.1	0.28 14.3
(312)	1988	4/20	12: 0	18.57 31	0.60 16.0	0.57 16.3	0.55 15.9	0.41 14.2
(313)	1988	4/20	14: 0	17.92 28	0.55 16.0	0.51 16.3	0.44 16.8	0.31 16.4
(314)	1988	4/20	16: 0	16.73 27	0.76 17.0	0.74 16.7	0.64 16.4	0.50 16.4
(315)	1988	4/20	18: 0	16.01 31	* 1.07 15.0	0.85 16.2	0.70 16.4	-0.49 15.1
(316)	1988	4/20	20: 0	16.37 32	0.64 16.0	0.59 16.3	0.47 16.7	0.33 14.9
(317)	1988	4/20	22: 0	17.24 32	0.96 16.0	0.89 15.7	* 0.73 16.1	0.46 16.3
(318)	1988	4/21	0: 0	17.74 33	0.64 16.5	0.59 16.8	0.50 16.9	0.33 14.6
(319)	1988	4/21	2: 0	17.47 29	1.06 16.0	0.92 16.8	0.75 17.1	0.64 15.9
(320)	1988	4/21	4: 0	16.76 30	1.13 16.5	1.06 16.3	* 0.86 16.1	0.61 16.1
(321)	1988	4/21	6: 0	16.49 30	1.04 14.5	0.95 16.8	0.80 15.6	0.56 16.2
(322)	1988	4/21	8: 0	17.00 32	* 1.16 15.5	1.04 16.0	0.72 16.1	0.45 15.3
(323)	1988	4/21	10: 0	17.86 31	0.69 16.0	0.58 15.3	0.48 16.1	0.33 15.7
(324)	1988	4/21	12: 0	18.34 32	0.58 14.5	0.48 15.5	0.45 14.8	0.36 14.8
(325)	1988	4/21	14: 0	18.01 28	0.69 16.0	0.68 15.0	0.56 16.2	0.40 16.2
(326)	1988	4/21	16: 0	17.03 27	0.85 18.0	0.82 17.7	0.66 17.3	0.46 17.4

COMMENT Nina Dua off shore

Table Frequency of Wave Height and Period (Nusa Dua off shore) 1988 5/ 4 12: 0 >> 1988 5/19 14: 0

H(m)/T(s)	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	22.0	TOTAL	(%)	
0.0	0	0	0	0	0	0	29	16	42	54	58	71	115	129	109	117	98	54	47	33	29	44	1035	16.9
0.2	0	0	0	11	64	122	168	155	155	188	226	278	285	274	237	172	102	78	54	27	46	2042	43.2	
0.4	0	0	0	28	69	104	111	92	76	67	68	105	151	174	167	140	76	22	12	2	5	1468	24.0	
0.6	0	2	12	32	35	42	37	35	27	16	22	26	49	110	76	56	26	6	3	2	0	614	10.0	
0.8	0	0	0	10	10	13	20	17	11	9	6	13	24	37	30	24	10	4	1	0	0	239	3.9	
1.0	0	0	1	4	4	1	7	5	7	2	2	2	3	3	11	13	6	2	0	0	0	0	68	1.1
1.2	0	0	0	2	2	1	2	1	0	1	1	1	3	0	2	8	2	0	0	0	0	0	30	0.5
1.4	0	0	0	3	3	1	0	1	0	1	0	0	0	1	2	2	0	0	0	0	0	0	14	0.2
1.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0.0
1.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
2.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
2.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
2.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
2.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
2.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
3.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
3.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
3.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
3.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
3.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
4.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
4.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
4.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
4.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
4.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
5.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
5.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
5.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
5.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
6.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
6.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
6.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
6.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
7.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
7.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
7.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
7.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
8.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
8.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
8.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
8.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
9.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
9.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
9.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
9.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
9.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
TOTAL	0	2	15	90	185	311	362	347	310	341	395	540	641	719	548	426	272	157	103	60	95	6111	100.0	

(%) 0.0 0.0 0.3 1.5 3.0 5.1 5.9 5.7 5.4 5.6 6.5 8.8 10.5 11.8 10.6 8.1 4.5 2.6 1.7 1.0 1.6 100.0

Table Wave Calculated Result (Nusa Dua off shore)

	DATE	TIME	DEPTH (M)	MAX	1/10	1/3	MIKAN
( 1 )	1988	5/ 4 12: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 2 )	1988	5/ 4 14: 0	17.24 42	* 1.06 10.0	0.84 10.0	0.59 10.9	0.39 11.1
( 3 )	1988	5/ 4 16: 0	16.22 44	0.81 8.5	0.62 9.9	0.51 10.5	0.34 10.7
( 4 )	1988	5/ 4 18: 0	15.90 45	0.59 11.0	0.53 11.0	0.48 10.6	0.36 10.7
( 5 )	1988	5/ 4 20: 0	16.58 43	1.06 10.5	0.72 12.3	* 0.59 11.6	0.45 10.6
( 6 )	1988	5/ 4 22: 0	17.41 35	0.60 11.0	0.56 11.5	0.46 12.3	0.32 12.3
( 7 )	1988	5/ 5 0: 0	17.68 37	0.53 9.0	0.40 12.4	0.35 12.4	0.25 11.7
( 8 )	1988	5/ 5 2: 0	17.18 41	0.80 9.5	0.63 11.4	0.53 11.4	0.36 11.9
( 9 )	1988	5/ 5 4: 0	16.58 41	0.67 12.0	0.67 10.0	0.53 11.4	0.40 11.2
( 10 )	1988	5/ 5 6: 0	16.58 46	0.98 10.0	0.80 9.7	0.60 10.7	0.41 10.7
( 11 )	1988	5/ 5 8: 0	17.38 40	0.68 10.5	0.51 12.3	0.46 11.3	0.32 11.3
( 12 )	1988	5/ 5 10: 0	18.25 52	0.81 9.0	0.66 10.3	0.59 9.8	0.45 9.4
( 13 )	1988	5/ 6 12: 0	18.43 42	* 1.16 10.5	0.98 10.6	0.72 11.2	0.45 11.5
( 14 )	1988	5/ 6 14: 0	17.65 46	0.83 11.0	0.75 9.6	0.59 10.2	0.37 11.0
( 15 )	1988	5/ 6 16: 0	16.58 37	0.46 15.5	0.43 12.1	0.40 11.7	0.29 10.6
( 16 )	1988	5/ 6 18: 0	15.98 49	1.01 9.0	0.89 9.4	* 0.79 8.9	0.46 9.9
( 17 )	1988	5/ 6 20: 0	16.31 40	0.48 11.0	0.39 13.1	* 0.32 11.8	0.23 11.5
( 18 )	1988	5/ 6 22: 0	17.21 46	0.62 10.6	0.63 9.5	0.46 11.1	0.35 10.4
( 19 )	1988	5/ 6 0: 0	17.65 46	* 0.86 8.5	0.57 10.2	0.45 10.7	0.32 10.9
( 20 )	1988	5/ 6 2: 0	17.36 48	0.81 9.5	0.66 10.1	* 0.55 9.9	0.39 10.1
( 21 )	1988	5/ 6 4: 0	16.76 45	0.55 15.5	0.49 13.4	0.40 13.5	0.33 10.9
( 22 )	1988	5/ 6 6: 0	16.58 38	0.47 14.5	0.43 15.9	0.37 14.8	0.28 12.7
( 23 )	1988	5/ 6 8: 0	17.12 38	0.80 9.5	0.60 11.4	0.49 12.0	0.36 12.9
( 24 )	1988	5/ 6 10: 0	18.07 43	0.61 9.0	0.66 9.3	0.38 10.5	0.26 10.5
( 25 )	1988	5/ 6 12: 0	18.43 46	0.45 11.0	0.38 11.9	0.35 11.8	0.27 10.8
( 26 )	1988	5/ 6 14: 0	17.92 40	0.59 11.5	0.61 10.1	0.45 10.7	0.28 11.6
( 27 )	1988	5/ 6 16: 0	16.94 42	0.58 10.0	0.52 11.0	0.44 10.2	0.30 10.9
( 28 )	1988	5/ 6 18: 0	16.22 46	0.72 9.5	0.52 12.7	0.47 12.1	0.34 10.6
( 29 )	1988	5/ 6 20: 0	16.25 37	0.52 11.5	0.46 11.8	0.39 12.3	0.27 13.0
( 30 )	1988	5/ 6 22: 0	17.00 37	0.42 15.5	0.39 13.3	0.33 12.4	0.24 12.4
( 31 )	1988	5/ 7 0: 0	17.50 39	* 0.56 9.5	0.47 9.8	0.32 10.8	0.21 11.4
( 32 )	1988	5/ 7 2: 0	17.44 33	0.55 11.0	0.37 14.2	0.30 13.2	0.22 12.5
( 33 )	1988	5/ 7 4: 0	17.00 37	0.44 13.5	0.40 14.3	* 0.35 13.1	0.26 12.2
( 34 )	1988	5/ 7 6: 0	16.67 37	0.39 13.5	0.33 14.8	0.31 13.3	0.24 12.5
( 35 )	1988	5/ 7 8: 0	17.03 31	0.43 14.5	0.40 13.7	0.30 14.9	0.22 14.4
( 36 )	1988	5/ 7 10: 0	17.80 36	0.44 9.5	0.39 10.0	0.29 12.6	0.25 11.4
( 37 )	1988	5/ 7 12: 0	18.28 42	0.27 11.5	0.29 10.6	0.22 12.7	0.16 11.2
( 38 )	1988	5/ 7 14: 0	18.10 22	0.40 9.0	0.32 10.5	0.27 11.7	0.19 12.1
( 39 )	1988	5/ 7 16: 0	17.29 26	0.51 7.5	0.36 9.8	0.32 9.7	0.22 10.9
( 40 )	1988	5/ 7 18: 0	16.58 32	0.36 9.5	0.28 11.5	0.19 12.6	0.14 13.0
( 41 )	1988	5/ 7 20: 0	16.31 37	0.25 12.0	0.25 12.4	0.21 12.5	0.15 12.1
( 42 )	1988	5/ 7 22: 0	16.73 25	0.22 17.5	0.28 10.5	0.28 10.4	0.22 11.5
( 43 )	1988	5/ 8 0: 0	17.29 30	0.24 14.5	0.23 16.3	0.21 13.7	0.20 12.7
( 44 )	1988	5/ 8 2: 0	17.44 40	0.27 16.5	0.25 14.1	0.23 12.8	0.16 12.1
( 45 )	1988	5/ 8 4: 0	17.12 21	0.23 15.5	0.24 14.3	0.21 15.1	0.15 14.5
( 46 )	1988	5/ 8 6: 0	16.85 36	0.35 13.0	0.29 12.9	0.25 14.3	0.19 12.8
( 47 )	1988	5/ 8 8: 0	16.91 30	0.37 11.5	0.31 13.0	0.24 14.1	0.17 14.8
( 48 )	1988	5/ 8 10: 0	17.44 23	0.31 9.5	0.26 10.3	0.19 13.1	0.14 12.7
( 49 )	1988	5/ 8 12: 0	18.04 26	0.24 14.0	0.24 14.7	0.21 15.7	0.17 13.3
( 50 )	1988	5/ 8 14: 0	18.10 29	0.31 18.5	0.30 18.2	0.27 16.2	0.19 15.6
( 51 )	1988	5/ 8 16: 0	17.62 19	0.36 12.0	0.29 13.8	0.24 15.9	0.19 16.1
( 52 )	1988	5/ 8 18: 0	16.97 27	0.32 16.0	0.29 16.0	0.26 15.5	0.18 16.6
( 53 )	1988	5/ 8 20: 0	16.58 28	0.42 15.0	0.39 13.2	0.32 15.2	0.22 15.6
( 54 )	1988	5/ 8 22: 0	16.70 27	* 0.46 15.5	0.46 16.0	* 0.39 16.4	0.26 16.3
( 55 )	1988	5/ 9 0: 0	17.12 27	0.50 16.6	0.47 16.7	0.40 16.6	0.29 16.3
( 56 )	1988	5/ 9 2: 0	17.36 29	0.51 16.0	0.47 16.2	0.35 15.9	0.25 16.7
( 57 )	1988	5/ 9 4: 0	17.29 29	0.66 14.5	0.58 15.0	0.48 15.4	0.34 16.9
( 58 )	1988	5/ 9 6: 0	17.09 29	0.61 15.0	0.53 15.3	0.41 16.0	0.32 16.4
( 59 )	1988	5/ 9 8: 0	17.00 31	0.53 14.0	0.52 14.3	0.45 15.4	0.34 15.4
( 60 )	1988	5/ 9 10: 0	17.26 34	0.61 15.0	0.59 15.3	0.49 15.0	0.32 14.3
( 61 )	1988	5/ 9 12: 0	17.68 30	0.89 15.0	0.79 14.8	0.64 15.0	0.42 15.3
( 62 )	1988	5/ 9 14: 0	17.89 32	0.93 15.5	0.89 15.3	* 0.79 15.2	0.57 15.2
( 63 )	1988	5/ 9 16: 0	17.74 31	* 0.98 15.5	0.94 15.8	0.73 15.9	0.46 15.8
( 64 )	1988	5/ 9 18: 0	17.24 32	0.74 15.5	0.70 15.3	0.56 15.1	0.39 15.3
( 65 )	1988	5/ 9 20: 0	16.82 27	0.68 16.5	0.56 16.3	0.47 15.9	0.38 15.7
( 66 )	1988	5/ 9 22: 0	16.67 34	0.65 15.0	0.61 14.7	0.50 14.8	0.31 14.0
( 67 )	1988	5/10 0: 0	16.85 32	0.56 15.0	0.53 15.0	0.44 15.1	0.29 14.1
( 68 )	1988	5/10 2: 0	17.16 29	0.70 15.0	0.62 15.2	0.47 16.1	0.33 14.4
( 69 )	1988	5/10 4: 0	17.36 32	0.64 13.5	0.59 14.0	0.49 13.9	0.32 13.2
( 70 )	1988	5/10 6: 0	17.29 33	0.68 14.0	0.52 14.3	0.47 13.9	0.32 14.8
( 71 )	1988	5/10 8: 0	17.18 34	* 0.76 14.5	0.70 14.3	* 0.59 14.5	0.37 14.4
( 72 )	1988	5/10 10: 0	17.12 31	0.64 13.5	0.48 14.2	0.38 14.5	0.26 14.7

	DATE	TIME	DEPTH (N)	MAX	1/10	1/3	MEAN
( 73)	1988	5/10 12: 0	17.35 32	0.61 15.0	0.57 14.7	0.37 14.7	0.24 14.4
( 74)	1988	5/10 14: 0	17.62 31	0.39 13.6	0.36 13.2	0.31 13.2	0.22 13.2
( 75)	1988	5/10 16: 0	17.68 32	0.30 13.0	0.26 13.3	0.22 16.0	0.18 13.8
( 76)	1988	5/10 18: 0	17.66 33	0.54 13.5	0.49 14.7	0.40 14.3	0.29 12.8
( 77)	1988	5/10 20: 0	17.21 28	0.41 16.0	0.42 15.0	0.38 14.8	0.26 14.3
( 78)	1988	5/10 22: 0	16.79 26	0.44 13.5	0.40 15.2	0.33 16.4	0.24 14.9
( 79)	1988	5/11 0: 0	16.73 26	0.50 16.0	0.44 14.8	0.37 16.3	0.26 16.4
( 80)	1988	5/11 2: 0	16.97 25	0.53 18.0	0.45 16.7	0.38 16.1	0.25 16.8
( 81)	1988	5/11 4: 0	17.32 25	0.30 21.0	0.28 18.2	0.28 16.8	0.20 15.8
( 82)	1988	5/11 6: 0	17.53 25	0.60 16.0	0.46 15.7	0.37 17.1	0.25 16.1
( 83)	1988	5/11 8: 0	17.41 27	0.72 17.6	0.65 18.2	0.56 18.3	0.38 17.6
( 84)	1988	5/11 10: 0	17.18 28	0.86 16.6	0.77 17.0	0.65 17.2	0.44 16.8
( 85)	1988	5/11 12: 0	17.03 28	0.82 16.5	0.78 16.2	0.69 16.8	0.43 17.2
( 86)	1988	5/11 14: 0	17.15 26	0.72 17.0	0.66 17.2	0.60 17.6	0.43 17.2
( 87)	1988	5/11 16: 0	17.47 28	0.96 16.5	0.89 17.2	* 0.74 17.0	0.49 17.2
( 88)	1988	5/11 18: 0	17.62 30	* 1.00 17.0	0.84 17.7	0.69 17.3	0.46 16.1
( 89)	1988	5/11 20: 0	17.44 28	0.76 18.0	0.76 16.3	0.65 16.6	0.49 17.2
( 90)	1988	5/11 22: 0	17.00 31	0.76 14.6	0.72 15.8	0.59 15.8	0.42 15.4
( 91)	1988	5/12 0: 0	16.70 29	1.11 15.5	1.08 16.2	* 0.97 16.7	0.69 16.2
( 92)	1988	5/12 2: 0	16.79 33	1.04 14.5	0.82 15.5	0.64 15.8	0.44 14.5
( 93)	1988	5/12 4: 0	17.24 40	0.93 11.0	0.81 12.8	0.70 12.9	0.52 12.0
( 94)	1988	5/12 6: 0	17.68 35	1.18 13.5	1.01 15.0	0.83 14.5	0.55 14.0
( 95)	1988	5/12 8: 0	17.77 31	0.92 14.0	0.89 13.3	0.70 14.9	0.51 14.2
( 96)	1988	5/12 10: 0	17.35 43	1.35 12.0	1.08 13.6	0.93 13.0	0.69 11.2

	DATE	TIME	DEPTH (N)	MAX	1/10	1/3	MEAN
( 97)	1988	5/12 12: 0	16.88 44	1.40 10.0	1.10 13.4	0.96 12.6	0.70 11.2
( 98)	1988	5/12 14: 0	16.73 40	1.16 11.5	0.96 13.5	0.81 13.8	0.59 12.1
( 99)	1988	5/12 16: 0	17.09 38	0.83 16.0	0.69 15.9	0.57 14.0	0.43 12.5
(100)	1988	5/12 18: 0	17.50 43	* 1.42 8.5	1.07 10.0	0.81 10.5	0.52 11.4
(101)	1988	5/12 20: 0	17.65 35	1.13 9.5	0.81 14.1	0.70 15.5	0.53 13.4
(102)	1988	5/12 22: 0	17.26 38	1.34 13.0	0.91 15.6	0.76 13.9	0.54 12.4
(103)	1988	5/13 0: 0	16.76 44	1.16 10.0	0.93 10.4	0.69 12.4	0.52 11.1
(104)	1988	5/13 2: 0	16.61 42	0.99 17.0	0.92 16.1	0.81 14.2	0.61 11.4
(105)	1988	5/13 4: 0	17.15 39	0.82 16.5	0.75 16.3	0.63 14.0	0.46 12.5
(106)	1988	5/13 6: 0	17.80 37	0.75 15.5	0.65 14.6	0.54 15.8	0.38 12.9
(107)	1988	5/13 8: 0	18.10 34	0.72 18.0	0.70 16.7	0.61 15.7	0.45 13.8
(108)	1988	5/13 10: 0	17.71 34	1.36 17.0	1.26 16.7	0.96 17.4	0.64 14.4
(109)	1988	5/13 12: 0	16.97 31	1.03 17.5	0.97 17.2	0.76 17.0	0.51 15.5
(110)	1988	5/13 14: 0	16.49 34	1.03 17.5	0.99 18.0	0.87 16.3	0.65 14.3
(111)	1988	5/13 16: 0	16.64 33	0.58 13.5	0.54 15.7	0.47 15.5	0.36 13.8
(112)	1988	5/13 18: 0	17.32 30	1.13 15.0	1.02 14.8	0.88 15.8	0.62 16.0
(113)	1988	5/13 20: 0	17.74 30	* 1.51 16.5	1.36 17.0	1.01 16.5	0.64 15.5
(114)	1988	5/13 22: 0	17.53 31	1.31 17.0	1.29 16.7	* 1.10 16.9	0.69 15.5
(115)	1988	5/14 0: 0	16.97 30	1.24 18.0	1.20 17.3	1.02 17.3	0.63 15.8
(116)	1988	5/14 2: 0	16.58 30	1.35 17.0	1.21 17.2	0.97 17.3	0.65 15.9
(117)	1988	5/14 4: 0	16.85 31	* 1.59 16.5	1.48 16.2	* 1.11 16.5	0.72 15.5
(118)	1988	5/14 6: 0	17.71 25	0.84 16.5	0.80 16.0	0.72 16.6	0.57 17.7
(119)	1988	5/14 8: 0	18.34 27	1.41 17.0	1.33 16.7	1.10 16.8	0.65 15.3
(120)	1988	5/14 10: 0	18.13 28	1.10 16.5	0.98 17.3	0.85 17.8	0.66 17.2
(121)	1988	5/14 12: 0	17.24 28	1.15 16.0	1.07 16.3	0.91 16.3	0.60 16.9
(122)	1988	5/14 14: 0	16.34 31	1.09 16.0	1.01 15.5	0.80 15.1	0.52 15.4
(123)	1988	5/14 16: 0	16.22 31	0.65 15.0	0.64 15.7	0.51 16.1	0.38 14.4
(124)	1988	5/14 18: 0	16.97 35	0.64 16.5	0.59 16.1	0.49 16.3	0.33 13.8
(125)	1988	5/14 20: 0	17.71 28	0.88 16.0	0.86 16.2	0.79 16.3	0.58 17.3
(126)	1988	5/14 22: 0	17.80 30	0.59 17.0	0.57 16.3	0.50 16.8	0.39 16.4
(127)	1988	5/15 0: 0	17.24 31	0.78 16.0	0.72 16.2	0.58 16.7	0.41 15.6
(128)	1988	5/15 2: 0	16.61 34	0.66 14.5	0.59 14.7	0.52 14.5	0.37 14.3
(129)	1988	5/15 4: 0	16.67 30	0.81 17.0	0.79 16.3	* 0.70 16.0	0.47 15.7
(130)	1988	5/15 6: 0	17.56 24	0.47 16.0	0.47 16.3	0.37 16.8	0.27 15.6
(131)	1988	5/15 8: 0	18.46 30	0.76 15.0	0.59 17.2	0.50 16.7	0.37 16.3
(132)	1988	5/15 10: 0	18.46 28	0.49 18.0	0.46 16.8	0.38 17.2	0.27 16.2
(133)	1988	5/15 12: 0	17.59 26	0.66 15.0	0.60 15.5	0.54 15.8	0.39 15.0
(134)	1988	5/15 14: 0	16.46 33	* 0.88 13.0	0.76 14.8	0.66 15.1	0.44 14.9
(135)	1988	5/15 16: 0	16.98 35	0.77 16.0	0.70 14.9	0.61 15.1	0.41 13.9
(136)	1988	5/15 18: 0	16.52 29	0.51 15.5	0.48 15.5	0.43 15.9	0.36 15.1
(137)	1988	5/15 20: 0	17.50 28	0.84 18.5	0.70 15.7	0.52 16.1	0.35 16.2
(138)	1988	5/15 22: 0	17.89 28	0.64 17.0	0.54 17.0	0.41 15.9	0.27 14.4

(139)	1988	5/16	0: 0	17.47	32	1.14	14.5	1.07	15.3	0.82	15.9	0.55	14.
(140)	1988	5/16	2: 0	16.73	32	1.09	14.5	0.87	16.0	0.67	15.8	0.45	15.
(141)	1988	5/16	4: 0	16.55	34	0.88	15.5	0.85	14.5	0.75	14.5	0.54	14.
(142)	1988	5/16	6: 0	17.24	32	1.03	15.0	0.88	15.8	0.71	15.6	0.49	16.
(143)	1988	5/16	8: 0	18.31	32	1.08	15.5	0.99	15.2	0.78	15.8	0.50	14.
(144)	1988	5/16	10: 0	18.63	32	0.71	15.0	0.69	15.2	0.59	16.0	0.44	15.

		DATE	TIME	DEPTH (N)	MAX	1/10	1/3	MEAN					
(145)	1988	5/16	12: 0	17.92	32	* 1.61	15.0	1.43	15.7	* 1.15	15.2	0.78	15.0
(146)	1988	5/16	14: 0	16.76	36	0.86	14.0	0.80	14.0	0.72	14.4	0.50	13.6
(147)	1988	5/16	16: 0	15.96	34	1.00	14.0	0.95	14.2	0.85	14.0	0.59	14.5
(148)	1988	5/16	18: 0	16.19	37	0.63	13.5	0.58	14.9	0.51	14.3	0.34	13.3
(149)	1988	5/16	20: 0	17.21	33	0.59	13.5	0.51	15.5	0.44	14.7	0.35	13.8
(150)	1988	5/16	22: 0	17.89	37	0.42	16.0	0.40	15.6	0.38	13.9	0.29	13.1
(151)	1988	5/17	0: 0	17.68	36	* 0.72	14.5	0.61	14.6	* 0.50	15.5	0.37	13.4
(152)	1988	5/17	2: 0	16.97	39	0.63	13.5	0.56	13.8	0.44	13.0	0.29	12.6
(153)	1988	5/17	4: 0	16.52	38	0.52	14.5	0.49	13.9	0.42	13.3	0.29	12.7
(154)	1988	5/17	6: 0	17.03	36	0.54	13.0	0.47	12.9	0.39	13.5	0.29	12.9
(155)	1988	5/17	8: 0	18.01	34	0.52	15.0	0.45	14.3	0.36	13.8	0.28	13.0
(156)	1988	5/17	10: 0	18.66	39	0.48	14.5	0.41	13.5	0.34	13.9	0.27	12.5
(157)	1988	5/17	12: 0	18.28	38	0.66	15.0	0.56	12.4	0.37	13.7	0.27	12.7
(158)	1988	5/17	14: 0	17.12	33	0.51	10.5	0.46	12.3	0.38	12.7	0.27	13.2
(159)	1988	5/17	16: 0	16.10	39	0.48	13.5	0.44	13.8	0.40	12.5	0.28	12.2
(160)	1988	5/17	18: 0	16.01	35	0.54	13.0	0.48	13.4	0.39	14.1	0.26	13.0
(161)	1988	5/17	20: 0	16.88	24	0.29	14.0	0.23	15.8	0.22	12.2	0.16	12.8
(162)	1988	5/17	22: 0	17.77	41	0.32	17.5	0.31	14.4	0.28	12.2	0.21	12.1
(163)	1988	5/18	0: 0	17.83	36	0.37	15.5	0.37	15.0	0.34	14.8	0.28	13.4
(164)	1988	5/18	2: 0	17.24	34	0.37	16.0	0.38	13.3	0.32	13.7	0.24	13.5
(165)	1988	5/18	4: 0	16.64	34	0.52	14.5	0.47	14.3	* 0.42	13.9	0.31	14.2
(166)	1988	5/18	6: 0	16.85	40	0.55	12.5	0.48	12.4	0.36	13.1	0.26	11.7
(167)	1988	5/18	8: 0	17.71	32	0.59	13.5	0.47	14.8	0.38	13.4	0.30	13.3
(168)	1988	5/18	10: 0	18.52	39	0.33	16.0	0.30	14.5	0.27	14.0	0.21	12.5
(169)	1988	5/18	12: 0	18.43	37	0.40	13.5	0.40	12.0	0.32	13.9	0.23	12.8
(170)	1988	5/18	14: 0	17.50	35	0.43	14.5	0.37	15.6	0.33	13.7	0.25	12.1
(171)	1988	5/18	16: 0	16.43	39	* 0.71	14.0	0.50	15.0	0.41	12.1	0.28	12.6
(172)	1988	5/18	18: 0	16.01	40	0.46	12.0	0.40	14.6	0.35	13.2	0.26	11.7
(173)	1988	5/18	20: 0	16.64	29	0.35	12.5	0.34	12.2	0.28	13.6	0.24	12.5
(174)	1988	5/18	22: 0	17.50	33	0.34	13.5	0.30	14.8	0.25	15.5	0.19	13.8
(175)	1988	5/19	0: 0	17.92	37	0.45	13.0	0.43	13.3	0.34	14.0	0.24	13.1
(176)	1988	5/19	2: 0	17.47	32	0.66	15.0	0.51	14.8	0.41	14.7	0.29	13.5
(177)	1988	5/19	4: 0	16.82	37	0.57	14.5	0.55	13.4	* 0.46	13.5	0.30	13.1
(178)	1988	5/19	6: 0	16.73	37	* 0.67	14.0	0.55	13.9	0.46	14.0	0.31	12.8
(179)	1988	5/19	8: 0	17.47	35	0.45	18.0	0.39	14.9	0.35	14.5	0.28	13.5
(180)	1988	5/19	10: 0	18.37	33	0.42	12.0	0.40	11.3	0.32	12.7	0.25	12.2
(181)	1988	5/19	12: 0	18.52	34	0.44	14.0	0.40	13.3	0.28	14.8	0.22	13.4
(182)	1988	5/19	14: 0	0.00	0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0

COMMENT Nusa Dua off shore

Table Frequency of Wave Height and Period (Nusa Dua off shore) 1988 5/19 14: 0 >> 1988 5/ 9 8: 0

H(m)/T(s)	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	22.0	TOTAL	(%)		
0.0	0	0	0	0	0	0	8	15	38	37	52	54	106	136	104	101	67	52	34	31	23	47	905	9.7	
0.2	0	0	0	5	68	104	119	90	98	183	289	411	507	434	323	207	157	102	41	26	60	3234	34.6		
0.4	0	0	0	29	167	206	144	67	60	74	158	242	318	325	270	180	170	21	11	6	10	2358	25.3		
0.6	0	5	45	98	132	174	121	47	32	19	31	68	141	168	99	54	25	13	12	6	4	1345	14.4		
0.8	0	0	0	0	66	147	128	69	34	19	6	7	14	37	71	52	38	14	3	4	1	0	710	7.6	
1.0	0	2	29	63	78	66	55	16	4	1	2	3	13	21	27	16	11	6	1	0	0	0	414	4.4	
1.2	0	0	0	42	36	33	23	10	1	0	0	1	2	12	10	12	4	1	0	0	0	0	187	2.0	
1.4	0	0	0	18	17	19	18	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	89	1.0	
1.6	0	0	0	0	15	9	5	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	43	0.5	
1.8	0	0	0	2	11	5	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	0.3	
2.0	0	0	0	0	9	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	0.1	
2.2	0	0	0	0	4	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0.1	
2.4	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0.0	
2.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0.0	
2.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
3.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
3.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
3.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
3.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
3.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
4.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
4.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
4.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
4.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
4.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
5.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
5.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
5.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
5.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
6.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
6.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
6.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
6.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
7.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
7.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
7.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
7.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
8.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
8.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
8.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
8.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
9.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
9.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
9.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
9.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
9.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
TOTAL	0	9	97	350	714	751	564	305	252	306	541	845	1155	1138	884	588	343	180	100	62	121	9334	100.0		

(%) 0.0 0.1 1.3 3.7 7.5 9.0 6.0 3.0 2.7 3.8 5.3 9.1 12.4 12.2 9.5 4.3 3.7 1.9 1.1 0.7 1.3 100.0

Table Wave Calculated Result (Nusa Dua off shore)

	DATE	TIME	DEPTH (N)	MAX	1/10	1/3	MEAN
( 1)	1988	5/19 14: 0	17.62 29	0.41 16.0	0.38 15.2	0.30 15.5	0.23 14.3
( 2)	1988	5/19 16: 0	16.64 28	0.46 16.0	0.45 15.0	* 0.40 14.4	0.30 14.3
( 3)	1988	5/19 18: 0	16.04 35	* 0.47 14.0	0.47 13.6	0.39 13.8	0.27 14.0
( 4)	1988	5/19 20: 0	16.40 34	0.47 14.5	0.44 14.3	0.35 15.1	0.23 14.2
( 5)	1988	5/19 22: 0	17.21 26	0.31 18.0	0.32 16.8	0.27 17.4	0.21 16.3
( 6)	1988	5/20 0: 0	17.71 29	0.36 17.5	0.35 16.3	0.30 17.5	0.21 14.9
( 7)	1988	5/20 2: 0	17.47 27	0.54 17.0	0.45 17.0	0.39 17.9	0.30 16.4
( 8)	1988	5/20 4: 0	16.94 28	0.30 21.0	0.31 18.7	0.28 18.3	0.21 15.6
( 9)	1988	5/20 6: 0	16.67 27	0.67 17.5	0.66 16.0	0.52 17.4	0.35 17.9
(10)	1988	5/20 8: 0	17.18 29	0.50 16.5	0.48 16.7	0.41 16.3	0.30 17.2
(11)	1988	5/20 10: 0	17.98 26	0.54 17.5	0.51 17.7	0.44 17.9	0.32 17.7
(12)	1988	5/20 12: 0	18.46 25	* 1.08 18.0	0.93 18.2	* 0.73 17.8	0.49 17.9
(13)	1988	5/20 14: 0	18.01 28	0.81 17.5	0.80 17.3	0.71 17.2	0.46 17.6
(14)	1988	5/20 16: 0	17.06 26	0.59 16.5	0.57 16.7	0.54 16.8	0.38 17.1
(15)	1988	5/20 18: 0	16.37 28	0.72 17.0	0.69 16.8	0.61 17.1	0.46 17.2
(16)	1988	5/20 20: 0	16.43 28	0.72 16.5	0.66 16.8	0.57 16.8	0.41 17.0
(17)	1988	5/20 22: 0	17.09 28	0.50 16.0	0.47 16.2	0.43 16.2	0.28 16.6
(18)	1988	5/21 0: 0	17.68 28	0.65 16.0	0.54 16.0	0.45 16.0	0.31 15.7
(19)	1988	5/21 2: 0	17.65 29	0.56 15.5	0.55 16.2	0.48 16.3	0.36 16.5
(20)	1988	5/21 4: 0	17.18 29	0.55 16.0	0.54 15.5	0.47 15.7	0.34 15.8
(21)	1988	5/21 6: 0	16.82 30	0.55 18.0	0.55 16.0	0.48 16.0	0.33 16.1
(22)	1988	5/21 8: 0	17.09 28	* 0.84 15.0	0.77 15.3	* 0.66 15.4	0.42 15.3
(23)	1988	5/21 10: 0	17.74 31	0.61 15.0	0.56 15.3	0.45 15.5	0.33 15.7
(24)	1988	5/21 12: 0	18.28 25	0.33 15.0	0.29 14.7	0.23 16.0	0.18 15.4
(25)	1988	5/21 14: 0	18.13 26	0.51 15.5	0.48 15.5	0.43 15.6	0.30 15.5
(26)	1988	5/21 16: 0	17.41 27	0.30 12.5	0.28 13.0	0.25 13.5	0.18 14.7
(27)	1988	5/21 18: 0	16.70 33	0.46 15.5	0.43 15.3	0.32 15.3	0.22 14.8
(28)	1988	5/21 20: 0	16.55 32	0.46 16.0	0.42 15.0	0.36 14.6	0.26 15.4
(29)	1988	5/21 22: 0	17.00 28	0.53 14.0	0.46 14.2	0.35 13.9	0.22 14.9
(30)	1988	5/22 0: 0	17.53 29	0.38 14.5	0.35 14.8	0.29 14.3	0.19 15.1
(31)	1988	5/22 2: 0	17.68 29	0.33 15.0	0.28 18.2	0.24 16.7	0.19 15.7
(32)	1988	5/22 4: 0	17.38 31	0.37 15.5	0.34 15.5	0.28 14.7	0.20 15.1
(33)	1988	5/22 6: 0	17.00 27	0.57 14.5	0.49 14.5	0.43 14.4	0.30 14.7
(34)	1988	5/22 8: 0	17.06 30	0.48 14.0	0.40 13.8	0.31 14.4	0.22 14.0
(35)	1988	5/22 10: 0	17.56 27	0.52 15.0	0.52 14.7	0.44 14.3	0.30 15.5
(36)	1988	5/22 12: 0	18.04 26	0.43 15.0	0.41 14.7	0.36 14.8	0.24 15.6
(37)	1988	5/22 14: 0	18.16 29	0.42 15.5	0.42 15.2	0.33 16.1	0.24 15.4
(38)	1988	5/22 16: 0	17.65 28	0.53 14.0	0.44 14.7	0.34 13.4	0.24 13.9
(39)	1988	5/22 18: 0	17.03 30	0.38 14.5	0.35 14.7	0.32 14.5	0.23 15.2
(40)	1988	5/22 20: 0	16.73 27	0.38 14.5	0.36 14.5	0.33 14.2	0.24 14.3
(41)	1988	5/22 22: 0	16.94 31	* 0.71 14.5	0.67 14.2	* 0.56 14.3	0.39 14.5
(42)	1988	5/23 0: 0	17.41 29	0.48 14.5	0.45 14.2	0.39 14.6	0.28 14.7
(43)	1988	5/23 2: 0	17.68 33	0.54 13.5	0.45 14.0	0.37 13.7	0.26 13.9
(44)	1988	5/23 4: 0	17.56 34	0.52 12.0	0.41 14.3	0.36 14.0	0.27 13.9
(45)	1988	5/23 6: 0	17.29 34	* 0.77 14.0	0.70 14.2	* 0.55 14.1	0.36 14.4
(46)	1988	5/23 8: 0	17.18 34	0.77 14.0	0.68 13.8	0.49 13.8	0.29 14.1
(47)	1988	5/23 10: 0	17.41 32	0.52 14.5	0.48 15.2	0.42 14.5	0.27 15.0
(48)	1988	5/23 12: 0	17.80 30	0.73 14.0	0.62 14.3	0.47 14.1	0.32 14.5
(49)	1988	5/23 14: 0	17.98 32	0.53 14.5	0.46 13.5	0.35 14.1	0.23 14.2
(50)	1988	5/23 16: 0	17.80 28	0.44 14.0	0.41 13.8	0.34 13.9	0.25 13.7
(51)	1988	5/23 18: 0	17.35 30	0.37 15.5	0.34 15.2	0.28 14.7	0.19 14.8
(52)	1988	5/23 20: 0	16.97 33	0.51 15.0	0.42 15.0	0.36 14.5	0.26 14.5
(53)	1988	5/23 22: 0	16.97 34	0.64 13.0	0.55 13.3	0.45 13.5	0.29 14.0
(54)	1988	5/24 0: 0	17.26 32	0.59 13.5	0.54 14.2	0.44 13.5	0.30 13.5
(55)	1988	5/24 2: 0	17.59 35	0.54 13.5	0.51 13.3	0.44 13.7	0.31 14.1
(56)	1988	5/24 4: 0	17.68 32	0.58 14.0	0.57 13.7	0.46 14.3	0.32 14.3
(57)	1988	5/24 6: 0	17.53 33	0.80 13.0	0.75 13.7	0.65 13.5	0.43 14.8
(58)	1988	5/24 8: 0	17.35 35	0.78 12.0	0.67 13.3	0.53 14.0	0.37 13.9
(59)	1988	5/24 10: 0	17.38 35	* 1.00 13.0	0.73 14.8	0.60 14.2	0.39 13.6
(60)	1988	5/24 12: 0	17.59 30	0.75 15.0	0.71 15.5	0.54 15.9	0.39 15.0
(61)	1988	5/24 14: 0	17.83 32	0.71 15.0	0.65 14.7	0.55 15.2	0.39 15.1
(62)	1988	5/24 16: 0	17.86 30	0.58 14.0	0.56 14.2	0.48 14.6	0.35 14.4
(63)	1988	5/24 18: 0	17.59 31	0.85 15.0	0.75 15.3	0.56 14.7	0.37 15.3
(64)	1988	5/24 20: 0	17.26 31	0.88 15.5	0.87 15.3	* 0.75 15.6	0.54 15.3
(65)	1988	5/24 22: 0	17.09 33	0.61 12.5	0.57 14.2	0.49 14.2	0.37 14.9

	DATE	TIME	DEPTH (N)	MAX	1/10	1/3	MEAN
( 66)	1988	5/25	0: 0	17.21 31	0.78 16.0	0.74 14.7	0.42 14.6
( 67)	1988	5/25	2: 0	17.50 32	0.85 13.0	0.67 13.7	0.34 14.7
( 68)	1988	5/25	4: 0	17.74 34	0.72 14.5	0.71 15.0	0.41 14.4
( 69)	1988	5/25	6: 0	17.77 36	0.88 13.5	0.64 15.0	0.32 13.3
( 70)	1988	5/25	8: 0	17.59 34	* 1.11 14.0	1.01 14.2	* 0.88 14.3
( 71)	1988	5/25	10: 0	17.41 36	0.82 14.0	0.76 14.5	0.67 14.0
( 72)	1988	5/25	12: 0	17.41 36	0.71 11.0	0.61 12.9	0.51 14.2
( 73)	1988	5/25	14: 0	17.59 35	0.60 15.5	0.56 13.9	0.50 13.6
( 74)	1988	5/25	16: 0	17.74 30	0.48 14.0	0.44 15.3	0.37 16.2
( 75)	1988	5/25	18: 0	17.68 34	0.87 14.0	0.69 14.2	0.51 15.1
( 76)	1988	5/25	20: 0	17.44 37	0.73 13.5	0.63 14.5	0.56 13.7
( 77)	1988	5/25	22: 0	17.15 34	0.69 13.0	0.63 13.5	0.58 14.0
( 78)	1988	5/26	0: 0	17.12 33	0.67 14.0	0.62 14.5	0.52 14.5
( 79)	1988	5/26	2: 0	17.35 35	0.53 19.0	0.53 16.9	0.47 16.7
( 80)	1988	5/26	4: 0	17.68 31	0.63 14.0	0.63 13.8	0.52 15.6
( 81)	1988	5/26	6: 0	17.89 30	0.74 16.0	0.59 17.5	0.47 17.3
( 82)	1988	5/26	8: 0	17.80 28	0.63 17.5	0.57 17.2	0.52 17.8
( 83)	1988	5/26	10: 0	17.44 27	0.74 15.5	0.66 15.0	0.56 15.5
( 84)	1988	5/26	12: 0	17.21 27	0.82 16.5	0.73 16.2	0.58 16.5
( 85)	1988	5/26	14: 0	17.24 30	0.48 14.0	0.46 14.7	0.39 16.8
( 86)	1988	5/26	16: 0	17.47 30	0.68 16.5	0.67 16.7	0.58 16.4
( 87)	1988	5/26	18: 0	17.65 29	0.81 17.5	0.77 17.2	0.70 16.9
( 88)	1988	5/26	20: 0	17.59 30	0.68 16.5	0.58 16.2	0.49 16.1
( 89)	1988	5/26	22: 0	17.26 31	* 0.96 16.0	0.87 15.5	* 0.74 15.9
( 90)	1988	5/27	0: 0	17.06 30	0.86 16.5	0.80 16.5	0.70 15.6
( 91)	1988	5/27	2: 0	17.15 32	1.00 14.5	0.83 15.8	0.69 15.1
( 92)	1988	5/27	4: 0	17.56 31	0.88 16.0	0.87 15.7	* 0.72 15.8
( 93)	1988	5/27	6: 0	17.95 30	0.71 15.0	0.60 16.2	0.50 16.6
( 94)	1988	5/27	8: 0	17.98 32	0.77 14.5	0.74 14.2	0.58 15.5
( 95)	1988	5/27	10: 0	17.59 32	0.74 16.0	0.70 15.3	0.58 15.5
( 96)	1988	5/27	12: 0	17.15 37	0.60 16.0	0.52 17.1	0.44 15.3
( 97)	1988	5/27	14: 0	17.00 34	0.80 15.0	0.70 16.3	0.56 15.4
( 98)	1988	5/27	16: 0	17.24 32	* 1.11 14.0	0.92 14.5	0.67 16.0
( 99)	1988	5/27	18: 0	17.62 35	0.79 15.5	0.67 15.1	0.56 15.1
(100)	1988	5/27	20: 0	17.74 31	0.75 15.0	0.71 15.7	0.67 15.5
(101)	1988	5/27	22: 0	17.47 45	0.55 16.5	0.45 14.3	0.40 13.0
(102)	1988	5/28	0: 0	17.09 42	0.72 14.0	0.66 14.3	0.58 14.0
(103)	1988	5/28	2: 0	17.03 43	0.60 16.0	0.60 15.5	0.52 14.4
(104)	1988	5/28	4: 0	17.44 52	1.29 7.0	0.61 13.0	0.50 11.9
(105)	1988	5/28	6: 0	18.01 42	0.54 13.5	0.52 13.5	0.47 13.6
(106)	1988	5/28	8: 0	18.19 49	0.69 13.5	0.58 12.5	0.50 11.3
(107)	1988	5/28	10: 0	17.83 44	0.74 13.5	0.54 12.3	0.44 12.9
(108)	1988	5/28	12: 0	17.18 44	0.59 13.5	0.54 12.8	0.45 13.8
(109)	1988	5/28	14: 0	16.76 59	0.60 15.5	0.78 9.3	0.65 9.3
(110)	1988	5/28	16: 0	16.94 56	1.25 8.5	1.06 8.9	0.77 9.6
(111)	1988	5/28	18: 0	17.44 50	* 1.70 8.5	1.11 9.5	* 0.90 9.1
(112)	1988	5/28	20: 0	17.77 49	1.29 8.5	0.81 11.6	* 0.69 11.0
(113)	1988	5/28	22: 0	17.65 50	1.36 8.5	1.04 9.4	0.79 10.1
(114)	1988	5/29	0: 0	17.21 55	* 1.26 8.5	1.07 8.9	0.80 9.7
(115)	1988	5/29	2: 0	16.94 52	1.18 8.5	0.93 8.9	0.72 9.5
(116)	1988	5/29	4: 0	17.29 55	1.08 10.5	1.21 8.1	0.79 9.6
(117)	1988	5/29	6: 0	17.95 52	0.76 15.0	0.79 10.4	0.70 10.2
(118)	1988	5/29	8: 0	18.37 46	0.66 15.0	0.62 13.8	0.52 14.5
(119)	1988	5/29	10: 0	18.10 45	1.07 7.5	0.60 12.0	0.53 12.2
(120)	1988	5/29	12: 0	17.32 44	0.83 20.0	0.91 13.4	0.72 13.1
(121)	1988	5/29	14: 0	16.64 46	0.89 17.5	0.90 12.8	0.77 11.7
(122)	1988	5/29	16: 0	16.64 50	1.06 15.5	0.98 13.5	0.83 12.6
(123)	1988	5/29	18: 0	17.18 44	0.88 15.5	0.75 18.5	0.67 13.9
(124)	1988	5/29	20: 0	17.74 36	1.03 17.5	0.97 15.4	* 0.84 15.3
(125)	1988	5/29	22: 0	17.80 40	0.97 16.0	0.88 16.3	* 0.73 15.7
(126)	1988	5/30	0: 0	17.35 35	* 1.81 17.0	1.43 18.5	* 1.17 17.6
(127)	1988	5/30	2: 0	16.94 42	0.77 12.0	0.69 14.5	0.58 14.4
(128)	1988	5/30	4: 0	17.09 50	1.74 8.5	1.10 10.3	0.81 12.2
(129)	1988	5/30	6: 0	17.83 42	1.13 15.0	0.90 15.3	0.78 14.9
(130)	1988	5/30	8: 0	18.46 43	1.55 7.5	0.95 10.3	0.73 11.6
(131)	1988	5/30	10: 0	18.40 37	0.87 17.0	0.87 16.9	0.79 15.2
(132)	1988	5/30	12: 0	17.56 41	0.83 20.0	0.83 16.3	0.69 13.2
(133)	1988	5/30	14: 0	16.67 33	1.39 17.0	1.24 17.3	0.98 17.3



	DATE	TIME	DEPTH (N)	MAX	1/10	1/3	MEAN
(134)	1988	5/30 16: 0	16.43 52	1.57 8.5	0.96 14.3	0.86 11.5	0.70 9.3
(135)	1988	5/30 18: 0	16.91 42	1.06 18.5	0.97 17.5	0.88 13.8	0.67 11.3
(136)	1988	5/30 20: 0	17.65 35	1.19 19.0	1.14 17.8	0.93 16.9	0.70 13.9
(137)	1988	5/30 22: 0	17.92 30	1.37 16.5	1.29 17.0	1.02 17.7	0.74 15.8
(138)	1988	5/31 0: 0	17.53 29	1.32 16.5	1.30 16.8	1.17 17.1	0.85 16.4
(139)	1988	5/31 2: 0	16.97 32	1.20 18.0	1.21 16.8	1.02 17.0	0.75 14.4
(140)	1988	5/31 4: 0	16.94 37	1.36 16.5	1.30 16.4	1.13 16.6	0.80 13.0
(141)	1988	5/31 6: 0	17.62 39	0.97 16.0	0.95 16.3	0.81 16.0	0.64 12.2
(142)	1988	5/31 8: 0	18.37 43	1.07 16.0	0.96 16.6	0.78 15.0	0.56 11.3
(143)	1988	5/31 10: 0	18.54 30	1.25 18.0	1.16 17.7	0.99 16.5	0.77 14.4
(144)	1988	5/31 12: 0	17.83 35	1.72 17.0	1.50 17.0	* 1.29 16.7	0.88 13.9
(145)	1988	5/31 14: 0	16.76 37	1.66 15.5	1.51 16.3	1.25 16.6	0.89 13.1
(146)	1988	5/31 16: 0	16.22 48	* 2.43 8.5	1.37 12.6	1.15 12.3	0.91 10.0
(147)	1988	5/31 18: 0	16.55 43	2.23 8.0	2.07 8.1	1.20 12.1	0.79 11.2
(148)	1988	5/31 20: 0	17.38 46	2.17 9.0	1.38 13.2	1.17 13.3	0.87 10.2
(149)	1988	5/31 22: 0	17.92 38	1.46 16.5	1.44 13.3	1.23 14.9	0.97 12.9
(150)	1988	6/ 1 0: 0	17.68 39	1.21 15.5	1.12 15.9	0.91 16.5	0.69 12.6
(151)	1988	6/ 1 2: 0	17.09 45	1.45 15.0	1.27 15.2	* 1.12 12.6	0.83 10.7
(152)	1988	6/ 1 4: 0	16.85 35	1.37 16.0	1.20 16.0	1.03 16.0	0.84 13.8
(153)	1988	6/ 1 6: 0	17.35 45	1.39 15.5	1.18 16.2	0.96 15.5	0.75 10.8
(154)	1988	6/ 1 8: 0	18.25 39	0.90 15.0	0.79 14.6	0.67 14.5	0.48 12.3
(155)	1988	6/ 1 10: 0	18.66 36	0.97 16.5	0.92 15.5	0.81 15.5	0.61 13.5
(156)	1988	6/ 1 12: 0	18.13 39	1.02 14.0	0.96 14.8	0.82 14.3	0.58 12.6
(157)	1988	6/ 1 14: 0	17.09 52	1.67 8.0	0.95 11.8	0.80 11.1	0.62 9.4
(158)	1988	6/ 1 16: 0	16.22 41	1.30 15.0	1.22 15.1	1.01 14.7	0.73 11.8
(159)	1988	6/ 1 18: 0	16.31 54	* 1.87 7.5	1.25 10.2	1.08 10.0	0.82 9.1
(160)	1988	6/ 1 20: 0	17.12 39	0.90 14.5	0.82 15.4	0.72 14.8	0.50 12.2
(161)	1988	6/ 1 22: 0	17.80 35	0.73 17.0	0.69 15.6	0.56 15.0	0.40 12.8
(162)	1988	6/ 2 0: 0	17.83 35	1.05 16.5	1.01 15.6	0.86 15.7	0.60 13.5
(163)	1988	6/ 2 2: 0	17.24 40	* 1.10 16.0	1.06 15.9	* 0.89 14.9	0.61 12.4
(164)	1988	6/ 2 4: 0	16.79 38	1.04 14.5	0.91 14.9	0.65 14.1	0.41 12.6
(165)	1988	6/ 2 6: 0	17.09 36	0.77 14.0	0.69 13.5	0.57 14.3	0.41 13.5
(166)	1988	6/ 2 8: 0	18.01 38	0.78 14.0	0.58 14.6	0.47 14.7	0.34 13.0
(167)	1988	6/ 2 10: 0	18.69 37	0.52 12.5	0.49 14.3	0.42 13.8	0.30 12.9
(168)	1988	6/ 2 12: 0	18.43 36	0.57 12.5	0.50 14.0	0.43 15.0	0.32 13.4
(169)	1988	6/ 2 14: 0	17.47 30	0.61 15.0	0.53 13.8	0.42 15.7	0.30 14.1
(170)	1988	6/ 2 16: 0	16.52 42	0.92 13.5	0.67 15.1	0.54 14.1	0.40 11.6
(171)	1988	6/ 2 18: 0	16.28 38	0.71 14.0	0.65 14.1	0.54 14.3	0.40 12.9
(172)	1988	6/ 2 20: 0	16.91 34	0.56 15.0	0.53 15.0	0.48 15.1	0.34 14.4
(173)	1988	6/ 2 22: 0	17.74 31	0.68 14.0	0.65 14.5	0.57 14.7	0.43 15.6
(174)	1988	6/ 3 0: 0	18.01 38	* 1.28 15.0	0.94 15.3	0.70 14.4	0.43 12.8
(175)	1988	6/ 3 2: 0	17.53 37	0.89 15.0	0.80 15.4	0.69 14.6	0.48 12.9
(176)	1988	6/ 3 4: 0	16.94 41	0.71 14.5	0.71 13.8	0.57 13.5	0.40 11.8
(177)	1988	6/ 3 6: 0	16.97 38	0.68 13.5	0.64 14.0	0.57 14.1	0.42 12.6
(178)	1988	6/ 3 8: 0	17.74 36	0.81 14.5	0.65 14.9	0.50 14.0	0.34 13.7
(179)	1988	6/ 3 10: 0	18.60 40	0.54 18.0	0.56 11.4	0.44 12.6	0.21 11.4
(180)	1988	6/ 3 12: 0	18.72 39	0.59 14.0	0.51 15.8	0.47 13.8	0.34 11.8
(181)	1988	6/ 3 14: 0	17.89 30	1.11 14.0	1.02 14.3	0.87 15.3	0.61 14.2
(182)	1988	6/ 3 16: 0	16.76 40	0.91 14.0	0.81 14.9	0.71 14.2	0.53 12.2
(183)	1988	6/ 3 18: 0	16.22 37	1.11 13.5	1.03 14.3	* 0.92 13.2	0.66 13.0
(184)	1988	6/ 3 20: 0	16.67 43	1.03 9.5	0.80 14.3	0.64 14.2	0.47 11.2
(185)	1988	6/ 3 22: 0	17.53 38	0.74 13.5	0.68 14.3	0.57 14.1	0.40 12.1
(186)	1988	6/ 4 0: 0	18.01 48	0.69 10.5	0.53 13.4	0.47 11.3	0.35 10.2
(187)	1988	6/ 4 2: 0	17.74 39	0.77 14.0	0.73 14.4	0.60 13.9	0.43 12.3
(188)	1988	6/ 4 4: 0	17.09 45	0.95 14.5	0.90 14.3	* 0.69 14.6	0.51 10.8
(189)	1988	6/ 4 6: 0	16.85 39	0.75 15.0	0.68 14.4	0.57 13.2	0.39 12.5
(190)	1988	6/ 4 8: 0	17.41 48	0.71 10.0	0.64 10.6	0.51 11.5	0.38 10.0
(191)	1988	6/ 4 10: 0	18.31 37	0.58 14.0	0.53 14.3	0.49 13.7	0.37 12.2
(192)	1988	6/ 4 12: 0	18.72 42	0.52 15.0	0.53 12.0	0.47 11.8	0.35 11.0

	DATE	TIME	DEPTH (N)	MAX	1/10	1/3	MEAN
(193)	1988	6/ 4 14: 0	18.25 40	0.64 17.0	0.59 15.0	0.52 12.4	0.40 11.3
(194)	1988	6/ 4 16: 0	17.18 45	0.82 16.5	0.76 14.0	0.64 13.2	0.49 10.1
(195)	1988	6/ 4 18: 0	16.40 47	0.98 10.0	0.76 11.0	0.60 12.5	0.45 10.5
(196)	1988	6/ 4 20: 0	16.52 45	* 1.37 8.5	0.84 11.7	0.63 12.9	0.47 10.9
(197)	1988	6/ 4 22: 0	17.26 45	0.74 10.5	0.55 13.8	0.53 12.3	0.41 10.9
(198)	1988	6/ 5 0: 0	17.86 45	0.59 17.0	0.58 13.4	0.50 13.0	0.39 10.9
(199)	1988	6/ 5 2: 0	17.83 41	0.82 12.5	0.74 12.6	* 0.63 13.4	0.44 11.9
(200)	1988	6/ 5 4: 0	17.26 45	0.87 9.5	0.66 11.9	0.53 12.7	0.39 10.8
(201)	1988	6/ 5 6: 0	16.88 46	0.51 15.0	0.53 12.2	0.50 11.9	0.39 10.5
(202)	1988	6/ 5 8: 0	17.15 41	0.81 12.5	0.68 13.9	0.57 13.5	0.42 11.9
(203)	1988	6/ 5 10: 0	17.95 46	0.57 15.0	0.56 13.9	0.52 13.7	0.40 10.8
(204)	1988	6/ 5 12: 0	18.52 37	0.74 8.5	0.47 13.1	0.45 11.6	0.33 11.6
(205)	1988	6/ 5 14: 0	18.37 40	0.45 13.0	0.44 12.3	0.41 12.6	0.31 12.1
(206)	1988	6/ 5 16: 0	17.59 44	0.83 10.0	0.59 12.0	0.44 12.1	0.32 10.5
(207)	1988	6/ 5 18: 0	16.70 41	* 0.94 13.0	0.70 13.6	0.61 13.4	0.40 11.8
(208)	1988	6/ 5 20: 0	16.46 48	0.66 9.5	0.58 10.4	0.48 10.9	0.33 10.1
(209)	1988	6/ 5 22: 0	16.97 48	0.55 12.5	0.51 11.5	0.45 10.8	0.35 10.1
(210)	1988	6/ 6 0: 0	17.68 39	0.45 13.0	0.44 11.8	0.38 11.1	0.29 11.6
(211)	1988	6/ 6 2: 0	17.89 41	0.64 11.5	0.59 11.6	0.47 12.0	0.35 11.1
(212)	1988	6/ 6 4: 0	17.50 39	0.64 13.5	0.59 13.0	* 0.52 12.7	0.40 11.8
(213)	1988	6/ 6 6: 0	17.03 48	* 0.97 8.5	0.49 14.0	0.43 11.3	0.32 10.0
(214)	1988	6/ 6 8: 0	17.00 39	0.94 10.0	0.59 12.3	0.49 13.0	0.35 12.4
(215)	1988	6/ 6 10: 0	17.50 39	0.69 11.5	0.54 12.3	0.43 13.0	0.32 12.3
(216)	1988	6/ 6 12: 0	18.13 39	0.53 14.5	0.50 13.4	0.44 12.7	0.33 12.6
(217)	1988	6/ 6 14: 0	18.28 37	0.40 13.0	0.42 12.3	0.35 12.2	0.26 13.2
(218)	1988	6/ 6 16: 0	17.80 34	0.56 12.5	0.52 13.8	0.41 14.7	0.30 13.2
(219)	1988	6/ 6 18: 0	17.00 40	0.58 13.5	0.58 13.3	0.48 13.0	0.36 12.2
(220)	1988	6/ 6 20: 0	16.55 39	0.86 11.0	0.63 13.4	0.49 13.1	0.35 12.7
(221)	1988	6/ 6 22: 0	16.76 42	0.60 15.5	0.50 13.9	0.38 14.9	0.29 11.7
(222)	1988	6/ 7 0: 0	17.38 39	0.44 13.5	0.40 14.1	0.34 13.0	0.25 11.9
(223)	1988	6/ 7 2: 0	17.83 32	0.53 14.5	0.45 15.2	0.36 15.6	0.26 15.0
(224)	1988	6/ 7 4: 0	17.77 32	0.45 18.0	0.44 15.5	0.36 15.9	0.26 14.7
(225)	1988	6/ 7 6: 0	17.29 33	* 0.62 19.0	0.62 16.8	* 0.51 15.1	0.37 13.6
(226)	1988	6/ 7 8: 0	17.03 48	0.50 12.5	0.45 13.7	0.43 11.3	0.32 10.3
(227)	1988	6/ 7 10: 0	17.21 44	0.53 14.0	0.47 14.5	0.36 13.2	0.29 10.9
(228)	1988	6/ 7 12: 0	17.68 33	0.55 16.5	0.52 16.5	0.46 15.7	0.34 15.0
(229)	1988	6/ 7 14: 0	18.04 39	0.42 16.0	0.38 15.6	0.35 15.3	0.26 12.3
(230)	1988	6/ 7 16: 0	17.89 27	0.46 16.0	0.43 14.8	0.38 14.3	0.27 15.4
(231)	1988	6/ 7 18: 0	17.29 36	0.58 14.0	0.52 14.0	0.47 14.3	0.32 13.4
(232)	1988	6/ 7 20: 0	16.76 40	0.48 14.0	0.41 14.5	0.39 12.9	0.28 12.1
(233)	1988	6/ 7 22: 0	16.70 39	0.40 17.0	0.40 14.6	0.33 15.0	0.25 12.2
(234)	1988	6/ 8 0: 0	17.15 41	0.36 12.0	0.40 9.5	0.28 12.3	0.22 11.7
(235)	1988	6/ 8 2: 0	17.71 49	0.39 13.5	0.38 12.3	0.32 13.1	0.27 10.0
(236)	1988	6/ 8 4: 0	17.92 37	0.54 13.5	0.44 14.4	0.36 14.6	0.27 12.6
(237)	1988	6/ 8 6: 0	17.62 45	0.48 14.5	0.46 13.2	0.36 13.8	0.30 10.0
(238)	1988	6/ 8 8: 0	17.21 51	0.73 13.5	0.70 9.4	0.56 10.0	0.43 9.6
(239)	1988	6/ 8 10: 0	17.03 52	1.62 6.5	0.70 11.4	0.61 11.6	0.48 9.3
(240)	1988	6/ 8 12: 0	17.29 51	0.67 14.0	0.62 12.6	0.49 13.3	0.41 9.6
(241)	1988	6/ 8 14: 0	17.65 48	0.67 14.5	0.66 10.6	0.54 10.6	0.38 10.2
(242)	1988	6/ 8 16: 0	17.80 48	0.49 13.5	0.48 11.3	0.40 12.5	0.32 10.3
(243)	1988	6/ 8 18: 0	17.47 43	0.83 12.5	0.73 15.1	0.67 13.1	0.50 11.4
(244)	1988	6/ 8 20: 0	16.97 49	* 1.74 8.0	1.00 12.6	* 0.93 11.1	0.67 9.9
(245)	1988	6/ 8 22: 0	16.73 50	1.35 8.0	1.00 9.5	0.72 11.2	0.54 9.7
(246)	1988	6/ 9 0: 0	16.97 50	* 1.21 8.0	0.80 11.4	* 0.72 10.1	0.52 9.8
(247)	1988	6/ 9 2: 0	17.56 44	1.01 8.0	0.66 11.8	0.49 11.9	0.37 10.8
(248)	1988	6/ 9 4: 0	17.95 40	0.63 14.0	0.54 14.1	0.42 13.6	0.29 12.1
(249)	1988	6/ 9 6: 0	17.89 40	0.76 14.5	0.72 13.9	0.60 13.3	0.42 12.2
(250)	1988	6/ 9 8: 0	17.47 47	0.68 14.0	0.68 12.6	0.61 12.3	0.46 10.6

COMMENT Nusa Dua offshore

Table Frequency of Wave Height and Period (Nusa Dua off shore) 1988 6/ 9 10: 0 >> 1988 6/24 8: 0

H(m)/T(s)	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	22.0	TOTAL	(%)		
0.0	0	0	0	0	0	0	5	6	9	19	20	11	32	29	16	13	10	11	4	5	6	2	197	2.9	
0.2	0	0	0	0	11	47	104	94	61	78	119	150	190	162	164	104	86	58	40	82	19	30	1548	22.6	
0.4	0	0	0	0	38	155	201	141	83	85	177	134	182	182	177	145	141	77	30	25	15	19	1907	27.8	
0.6	1	6	43	65	151	193	123	82	49	40	59	89	110	127	98	72	47	42	15	6	7	1425	20.8		
0.8	0	0	0	0	71	135	111	69	44	27	23	15	31	52	76	51	58	23	15	6	3	0	830	12.1	
1.0	0	1	30	64	84	59	41	20	15	6	7	9	35	43	42	23	9	8	1	0	0	0	498	7.3	
1.2	0	0	0	0	43	46	32	18	17	8	0	2	2	8	15	30	9	2	0	0	0	0	232	3.4	
1.4	0	0	0	0	15	29	17	11	7	4	0	2	2	2	9	9	2	3	0	0	0	0	119	1.7	
1.6	0	0	0	0	14	9	5	0	4	3	0	1	0	0	1	2	1	0	0	0	0	0	42	0.6	
1.8	0	0	0	0	15	3	0	0	2	3	0	0	0	1	0	2	0	0	0	0	0	0	34	0.5	
2.0	0	0	0	0	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0.1	
2.2	0	0	0	0	1	2	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	6	0.1	
2.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0.0	
2.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0.0	
2.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
3.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
3.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
3.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
3.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
3.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
4.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
4.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
4.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
4.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
4.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
5.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
5.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
5.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
5.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
6.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
6.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
6.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
6.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
7.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
7.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
7.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
7.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
8.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
8.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
8.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
8.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
9.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
9.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
9.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
9.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
9.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0

TOTAL 1 7 99 363 649 721 522 330 287 285 381 537 581 629 497 402 230 139 86 50 58 6854 100.0  
 (%) 0.0 0.1 1.4 5.3 9.5 10.5 7.5 4.8 4.2 4.2 5.6 7.8 8.5 9.2 7.3 5.9 3.4 2.0 1.3 0.7 0.8 100.0

Table Wave Calculated Result (Nusa Dua off shore)

	DATE	TIME	DEPTH (N)	MAX	1/10	1/3	MEAN
( 1 )	1988	6/ 9 10: 0	16.82 43	0.73 13.5	0.57 13.6	0.46 14.1	0.36 11.0
( 2 )	1988	6/ 9 12: 0	17.03 40	0.57 14.5	0.53 12.5	0.41 12.8	0.32 11.4
( 3 )	1988	6/ 9 14: 0	17.35 43	0.36 17.0	0.36 16.8	0.35 13.0	0.28 10.7
( 4 )	1988	6/ 9 16: 0	17.56 40	0.37 15.5	0.40 11.6	0.35 11.9	0.26 10.8
( 5 )	1988	6/ 9 18: 0	17.44 38	0.61 19.5	0.57 16.4	0.48 15.4	0.35 12.7
( 6 )	1988	6/ 9 20: 0	17.03 45	* 0.95 14.5	0.79 11.8	0.64 11.9	0.46 10.4
( 7 )	1988	6/ 9 22: 0	16.79 49	0.93 18.0	0.96 11.1	* 0.77 11.3	0.57 9.0
( 8 )	1988	6/10 0: 0	17.03 55	1.25 15.5	0.84 14.8	0.69 12.0	0.59 8.8
( 9 )	1988	6/10 2: 0	17.59 41	0.73 16.5	0.72 15.9	0.60 15.7	0.46 11.8
( 10 )	1988	6/10 4: 0	18.01 44	0.62 19.0	0.57 16.4	0.52 14.4	0.43 10.8
( 11 )	1988	6/10 6: 0	18.01 37	0.88 19.0	0.81 17.9	0.68 17.1	0.51 13.1
( 12 )	1988	6/10 8: 0	17.56 36	0.98 18.5	0.81 16.4	0.67 16.0	0.48 13.1
( 13 )	1988	6/10 10: 0	17.00 33	0.91 20.0	0.88 19.3	0.80 17.7	0.61 14.6
( 14 )	1988	6/10 12: 0	16.82 40	1.23 14.5	1.04 15.3	0.87 15.7	0.57 11.9
( 15 )	1988	6/10 14: 0	17.03 36	0.91 16.5	0.77 15.8	0.65 16.6	0.47 13.1
( 16 )	1988	6/10 16: 0	17.41 34	* 1.41 8.5	0.88 13.5	0.66 15.5	0.45 14.3
( 17 )	1988	6/10 18: 0	17.56 36	1.07 15.5	0.84 17.5	0.66 16.8	0.45 13.5
( 18 )	1988	6/10 20: 0	17.32 43	1.12 17.5	0.91 16.8	0.81 13.4	0.58 11.2
( 19 )	1988	6/10 22: 0	17.00 33	1.40 15.0	1.24 17.7	* 0.99 18.0	0.70 15.1
( 20 )	1988	6/11 0: 0	16.94 34	0.90 17.0	0.84 16.2	0.71 16.7	0.48 14.2
( 21 )	1988	6/11 2: 0	17.41 32	0.73 16.5	0.67 16.2	0.63 16.2	0.48 14.1
( 22 )	1988	6/11 4: 0	17.98 31	0.69 16.0	0.58 18.8	0.49 18.4	0.35 15.4
( 23 )	1988	6/11 6: 0	18.25 33	0.77 17.0	0.70 17.2	0.54 17.9	0.39 14.2
( 24 )	1988	6/11 8: 0	17.92 27	1.22 17.5	1.08 18.5	0.96 18.3	0.65 18.0
( 25 )	1988	6/11 10: 0	17.21 30	* 1.51 18.0	1.46 17.7	1.17 18.3	0.73 16.1
( 26 )	1988	6/11 12: 0	16.67 36	0.93 18.5	0.86 18.3	0.72 17.0	0.51 13.7
( 27 )	1988	6/11 14: 0	16.67 37	0.75 18.0	0.64 17.0	0.54 16.3	0.38 13.1
( 28 )	1988	6/11 16: 0	17.12 36	0.66 19.5	0.53 18.1	0.44 18.3	0.30 13.6
( 29 )	1988	6/11 18: 0	17.56 30	0.92 19.5	0.89 18.5	0.71 18.0	0.49 16.1
( 30 )	1988	6/11 20: 0	17.56 28	1.45 17.0	1.32 17.5	* 1.19 17.1	0.74 16.9
( 31 )	1988	6/11 22: 0	17.21 28	1.37 16.5	1.22 18.0	1.04 18.2	0.71 16.8
( 32 )	1988	6/12 0: 0	16.94 38	0.76 17.5	0.76 16.3	0.66 16.7	0.48 12.6
( 33 )	1988	6/12 2: 0	17.21 38	0.72 17.0	0.70 15.8	0.63 15.5	0.44 13.0
( 34 )	1988	6/12 4: 0	17.86 33	1.00 17.0	0.95 16.2	0.73 17.0	0.53 14.6
( 35 )	1988	6/12 6: 0	18.31 34	0.80 18.5	0.78 17.8	0.64 17.1	0.45 14.0
( 36 )	1988	6/12 8: 0	18.22 31	1.11 16.0	0.92 17.5	0.79 17.3	0.56 15.3
( 37 )	1988	6/12 10: 0	17.53 39	1.16 18.0	1.08 16.5	0.91 16.7	0.60 12.7
( 38 )	1988	6/12 12: 0	16.73 41	1.26 15.0	1.07 15.5	0.80 15.6	0.57 12.1
( 39 )	1988	6/12 14: 0	16.43 50	0.99 14.5	0.90 13.8	0.85 11.4	0.65 9.5
( 40 )	1988	6/12 16: 0	16.76 36	1.09 16.5	0.90 16.1	0.77 16.5	0.49 13.2
( 41 )	1988	6/12 18: 0	17.38 31	1.14 16.5	1.07 17.0	0.88 16.9	0.61 15.6
( 42 )	1988	6/12 20: 0	17.68 30	* 1.33 16.5	1.28 16.0	* 1.13 16.9	0.78 16.2
( 43 )	1988	6/12 22: 0	17.41 33	1.29 16.0	1.20 16.5	1.06 16.6	0.74 15.1
( 44 )	1988	6/13 0: 0	17.03 30	1.40 17.0	1.20 17.3	0.92 16.7	0.65 14.9
( 45 )	1988	6/13 2: 0	16.97 34	* 1.97 16.0	1.74 16.5	1.35 16.0	0.91 14.3
( 46 )	1988	6/13 4: 0	17.56 36	1.38 16.0	1.23 16.6	0.93 16.5	0.64 13.1
( 47 )	1988	6/13 6: 0	18.22 46	1.07 16.0	0.96 15.0	0.78 15.4	0.61 10.7
( 48 )	1988	6/13 8: 0	18.40 40	1.14 17.0	1.05 15.8	0.88 15.8	0.65 12.2
( 49 )	1988	6/13 10: 0	17.86 31	1.66 16.0	1.63 16.0	* 1.37 16.1	0.96 15.8
( 50 )	1988	6/13 12: 0	16.88 40	1.56 18.0	1.27 15.8	1.01 15.5	0.69 12.1
( 51 )	1988	6/13 14: 0	16.25 41	1.09 14.0	0.97 14.0	0.80 14.4	0.57 11.8
( 52 )	1988	6/13 16: 0	16.40 30	1.43 15.5	1.37 15.8	1.15 15.2	0.75 15.2
( 53 )	1988	6/13 18: 0	17.06 38	0.90 17.5	0.83 15.8	0.70 14.4	0.50 12.7
( 54 )	1988	6/13 20: 0	17.62 34	1.58 15.5	1.48 15.7	1.15 14.9	0.75 13.4
( 55 )	1988	6/13 22: 0	17.56 36	1.40 15.5	1.23 16.1	1.08 15.6	0.74 13.4
( 56 )	1988	6/14 0: 0	17.09 34	* 1.45 15.0	1.36 15.5	* 1.17 15.2	0.78 14.3
( 57 )	1988	6/14 2: 0	16.79 39	1.23 14.5	1.13 15.3	0.94 15.3	0.71 12.5
( 58 )	1988	6/14 4: 0	17.21 40	1.19 14.5	1.12 14.0	0.93 14.5	0.62 12.1
( 59 )	1988	6/14 6: 0	17.92 31	1.24 14.5	1.18 15.2	1.05 15.6	0.77 14.8
( 60 )	1988	6/14 8: 0	18.43 40	0.96 13.0	0.77 12.0	0.61 12.6	0.43 12.2
( 61 )	1988	6/14 10: 0	18.16 46	0.78 16.5	0.87 11.6	0.71 12.2	0.53 10.7
( 62 )	1988	6/14 12: 0	17.21 41	0.86 17.0	0.78 16.3	0.69 14.4	0.53 12.0

	DATE	TIME	DEPTH (N)	MAX	1/10	1/3	MEAN
( 63)	1988	6/14 14: 0	16.31 43	1.22 14.5	0.99 15.3	0.79 13.4	0.56 11.2
( 64)	1988	6/14 16: 0	16.16 40	0.86 14.0	0.77 15.6	0.66 15.6	0.47 12.2
( 65)	1988	6/14 18: 0	16.79 44	0.74 13.0	0.68 13.9	0.56 12.8	0.40 11.1
( 66)	1988	6/14 20: 0	17.50 45	0.78 13.5	0.66 13.0	0.53 13.0	0.42 10.7
( 67)	1988	6/14 22: 0	17.71 44	0.77 12.5	0.72 12.3	0.57 12.6	0.42 11.1
( 68)	1988	6/15 0: 0	17.29 44	0.85 14.5	0.95 9.6	0.66 12.1	0.47 10.9
( 69)	1988	6/15 2: 0	16.82 40	1.20 14.0	1.04 14.5	* 0.94 12.8	0.63 12.4
( 70)	1988	6/15 4: 0	16.97 49	1.01 14.0	0.84 14.5	0.76 12.3	0.56 10.0
( 71)	1988	6/15 6: 0	17.59 43	1.13 9.0	0.72 11.9	0.61 10.4	0.41 10.5
( 72)	1988	6/15 8: 0	18.34 44	0.99 10.5	0.87 10.3	0.63 10.8	0.46 10.9
( 73)	1988	6/15 10: 0	18.34 39	0.97 10.0	0.78 12.4	0.58 13.1	0.40 12.4
( 74)	1988	6/15 12: 0	17.56 42	0.85 10.5	0.65 13.5	0.57 12.9	0.43 11.5
( 75)	1988	6/15 14: 0	16.49 52	1.00 10.5	0.90 9.9	0.68 10.4	0.48 9.5
( 76)	1988	6/15 16: 0	16.07 53	* 1.37 7.0	0.78 9.6	0.65 9.3	0.46 9.2
( 77)	1988	6/15 18: 0	16.52 53	0.89 9.0	0.65 11.3	0.55 10.5	0.44 9.3
( 78)	1988	6/15 20: 0	17.32 55	1.20 7.5	0.79 9.6	0.58 10.9	0.50 9.0
( 79)	1988	6/15 22: 0	17.74 41	1.10 12.0	0.86 12.4	0.66 12.4	0.47 11.9
( 80)	1988	6/16 0: 0	17.44 43	0.85 13.0	0.79 12.8	0.62 13.8	0.43 11.4
( 81)	1988	6/16 2: 0	16.88 40	0.76 14.5	0.70 13.9	0.64 12.4	0.47 11.5
( 82)	1988	6/16 4: 0	16.79 45	0.70 15.0	0.67 13.4	0.58 13.3	0.45 10.9
( 83)	1988	6/16 6: 0	17.29 49	0.58 14.0	0.52 15.2	0.51 11.3	0.38 10.1
( 84)	1988	6/16 8: 0	18.10 41	0.56 12.5	0.45 15.1	0.37 15.2	0.30 11.8
( 85)	1988	6/16 10: 0	18.40 46	0.76 13.0	0.58 14.3	0.49 12.5	0.38 10.4
( 86)	1988	6/16 12: 0	17.86 38	0.61 15.0	0.55 15.0	0.46 14.8	0.35 11.6
( 87)	1988	6/16 14: 0	16.88 40	0.74 11.5	0.69 12.6	0.60 11.8	0.44 11.2
( 88)	1988	6/16 16: 0	16.13 50	1.02 8.0	0.70 11.1	0.58 12.1	0.45 9.8
( 89)	1988	6/16 18: 0	16.31 35	0.63 13.5	0.56 15.9	0.48 15.1	0.35 13.5
( 90)	1988	6/16 20: 0	17.09 46	0.77 12.0	0.65 13.6	0.59 12.2	0.46 10.3
( 91)	1988	6/16 22: 0	17.65 34	* 1.18 15.0	1.12 13.7	* 0.84 13.7	0.54 13.3
( 92)	1988	6/17 0: 0	17.56 41	* 0.96 11.5	0.86 12.3	* 0.64 13.3	0.44 11.9
( 93)	1988	6/17 2: 0	17.00 37	0.84 15.0	0.67 14.5	0.56 14.0	0.40 12.9
( 94)	1988	6/17 4: 0	16.70 46	0.84 10.5	0.71 10.9	0.57 11.4	0.41 10.6
( 95)	1988	6/17 6: 0	16.97 42	0.49 13.5	0.46 13.4	0.39 14.1	0.30 11.6
( 96)	1988	6/17 8: 0	17.86 35	0.40 13.0	0.41 11.3	0.34 12.5	0.27 12.1
( 97)	1988	6/17 10: 0	18.34 38	0.57 12.5	0.48 13.8	0.44 12.8	0.31 12.8
( 98)	1988	6/17 12: 0	18.04 37	0.68 14.0	0.62 14.1	0.53 13.8	0.36 12.2
( 99)	1988	6/17 14: 0	17.15 33	0.59 16.5	0.58 14.8	0.48 14.0	0.34 14.2
(100)	1988	6/17 16: 0	16.31 40	0.59 13.0	0.51 13.5	0.37 14.0	0.27 12.2
(101)	1988	6/17 18: 0	16.22 38	0.58 17.5	0.49 15.9	0.39 13.3	0.26 12.7
(102)	1988	6/17 20: 0	16.88 44	0.58 9.0	0.42 11.5	0.33 13.3	0.27 11.2
(103)	1988	6/17 22: 0	17.56 41	0.58 14.0	0.52 16.1	0.44 14.1	0.33 11.7
(104)	1988	6/18 0: 0	17.65 46	0.77 14.0	0.72 12.8	0.60 12.6	0.42 10.7
(105)	1988	6/18 2: 0	17.21 39	0.72 14.0	0.67 13.8	0.55 14.0	0.38 12.6
(106)	1988	6/18 4: 0	16.73 46	0.73 13.5	0.55 12.6	0.44 12.0	0.35 10.4
(107)	1988	6/18 6: 0	16.82 53	0.63 11.5	0.53 11.6	0.46 10.2	0.37 8.8
(108)	1988	6/18 8: 0	17.59 42	0.56 9.5	0.41 12.9	0.38 12.1	0.31 11.0
(109)	1988	6/18 10: 0	18.22 45	0.47 15.5	0.47 12.1	0.42 11.5	0.30 10.9
(110)	1988	6/18 12: 0	18.16 36	0.51 12.5	0.50 13.3	0.43 14.8	0.33 13.0
(111)	1988	6/18 14: 0	17.41 41	0.70 13.0	0.58 13.8	0.49 12.3	0.35 11.0
(112)	1988	6/18 16: 0	16.52 55	* 1.59 7.0	0.88 9.3	* 0.89 8.5	0.60 8.7
(113)	1988	6/18 18: 0	16.22 43	0.76 9.0	0.65 9.6	0.52 11.1	0.37 11.2
(114)	1988	6/18 20: 0	16.70 52	0.63 11.5	0.70 8.4	0.54 8.9	0.38 9.5
(115)	1988	6/18 22: 0	17.41 53	0.92 8.5	0.66 10.5	0.63 9.0	0.43 9.1
(116)	1988	6/19 0: 0	17.68 55	1.00 8.5	0.81 8.6	0.56 10.3	0.43 9.0
(117)	1988	6/19 2: 0	17.32 42	0.66 15.0	0.56 14.9	0.50 14.0	0.38 11.6
(118)	1988	6/19 4: 0	16.82 54	1.00 7.5	0.69 9.4	0.48 11.1	0.40 9.1
(119)	1988	6/19 6: 0	16.79 49	1.20 8.0	0.88 9.2	0.61 11.1	0.43 10.0
(120)	1988	6/19 8: 0	17.29 45	0.72 14.0	0.57 13.5	0.49 12.2	0.39 10.7
(121)	1988	6/19 10: 0	17.98 40	0.54 18.0	0.55 15.1	0.47 15.3	0.35 12.2
(122)	1988	6/19 12: 0	18.07 43	0.66 15.0	0.54 13.0	0.46 12.8	0.35 11.4
(123)	1988	6/19 14: 0	17.56 44	0.63 14.0	0.68 11.1	0.51 12.6	0.38 11.1
(124)	1988	6/19 16: 0	16.79 44	0.79 13.0	0.75 12.6	0.60 14.6	0.47 11.2
(125)	1988	6/19 18: 0	16.28 51	* 1.66 7.0	0.77 12.0	0.62 11.5	0.48 9.5
(126)	1988	6/19 20: 0	16.58 35	0.88 15.5	0.77 17.3	0.68 16.5	0.48 13.9
(127)	1988	6/19 22: 0	17.24 34	0.87 20.0	0.89 16.8	* 0.84 16.3	0.63 14.4

	DATE	TIME	DEPTH (N)	MAX	1/10	1/3	MEAN
(128)	1988	6/20	0: 0	17.65 40	1.20 16.0	1.08 16.1	0.61 12.3
(129)	1988	6/20	2: 0	17.44 31	1.60 16.5	1.46 16.5	0.87 15.7
(130)	1988	6/20	4: 0	16.94 38	* 2.22 15.5	1.81 15.6	0.88 13.0
(131)	1988	6/20	6: 0	16.73 36	1.29 14.0	1.20 14.6	0.76 13.7
(132)	1988	6/20	8: 0	17.03 35	1.38 16.0	1.15 15.9	0.61 13.7
(133)	1988	6/20	10: 0	17.71 30	1.36 17.0	1.30 17.0	0.75 16.1
(134)	1988	6/20	12: 0	17.95 33	1.34 16.0	1.23 15.5	0.99 16.1
(135)	1988	6/20	14: 0	17.62 31	1.60 16.5	1.53 16.3	0.98 15.1
(136)	1988	6/20	16: 0	16.94 30	1.94 14.5	1.71 15.5	* 1.40 16.3
(137)	1988	6/20	18: 0	16.43 34	1.57 15.5	1.40 15.5	1.15 15.3
(138)	1988	6/20	20: 0	16.55 33	1.34 15.5	1.27 15.7	1.08 15.7
(139)	1988	6/20	22: 0	17.09 36	1.04 14.5	0.97 14.4	0.89 14.5
(140)	1988	6/21	0: 0	17.59 44	1.21 14.0	1.03 13.9	0.87 11.3
(141)	1988	6/21	2: 0	17.59 43	1.84 10.0	1.34 11.9	1.07 12.9
(142)	1988	6/21	4: 0	17.21 40	* 2.37 8.0	1.72 10.5	* 1.30 12.4
(143)	1988	6/21	6: 0	16.88 42	1.24 16.0	1.29 12.9	1.17 12.6
(144)	1988	6/21	8: 0	16.97 52	1.25 8.5	0.91 10.3	0.76 10.6
(145)	1988	6/21	10: 0	17.44 49	1.15 11.0	1.21 9.4	0.90 10.4
(146)	1988	6/21	12: 0	17.77 48	1.13 9.5	0.85 12.7	0.76 11.8
(147)	1988	6/21	14: 0	17.68 46	1.05 11.0	0.77 11.9	0.63 11.5
(148)	1988	6/21	16: 0	17.18 47	1.64 10.5	1.07 13.2	0.88 13.4
(149)	1988	6/21	18: 0	16.67 50	1.97 10.0	1.32 11.2	1.06 10.4
(150)	1988	6/21	20: 0	16.58 44	0.90 12.5	0.85 12.1	0.65 12.6
(151)	1988	6/21	22: 0	16.97 38	0.99 13.0	0.84 14.1	0.73 14.8
(152)	1988	6/22	0: 0	17.47 54	1.72 10.0	1.43 10.2	1.10 10.5
(153)	1988	6/22	2: 0	17.62 50	1.86 9.0	1.33 10.8	1.09 10.4
(154)	1988	6/22	4: 0	17.35 43	1.87 10.5	1.45 11.5	1.04 13.4
(155)	1988	6/22	6: 0	17.03 42	1.56 9.0	1.15 11.4	0.79 12.9
(156)	1988	6/22	8: 0	16.91 40	1.61 12.5	1.13 13.8	0.93 13.5
(157)	1988	6/22	10: 0	17.15 41	0.68 10.5	0.64 10.6	0.53 11.8
(158)	1988	6/22	12: 0	17.47 52	1.37 9.5	1.13 9.0	0.83 9.7
(159)	1988	6/22	14: 0	17.53 46	1.26 9.0	0.93 11.1	0.83 11.1
(160)	1988	6/22	16: 0	17.24 47	1.30 10.0	1.28 9.2	0.93 10.3
(161)	1988	6/22	18: 0	16.79 49	* 2.07 8.5	1.70 8.6	* 1.26 9.1
(162)	1988	6/22	20: 0	16.61 44	1.00 10.5	0.91 11.9	0.77 11.8
(163)	1988	6/22	22: 0	16.85 45	0.98 9.5	0.76 12.4	0.70 11.4
(164)	1988	6/23	0: 0	17.32 41	* 1.61 9.5	1.48 9.3	0.94 11.3
(165)	1988	6/23	2: 0	17.62 47	1.61 10.0	1.22 11.7	* 0.97 10.9
(166)	1988	6/23	4: 0	17.50 42	1.10 13.0	0.97 14.1	0.83 13.3
(167)	1988	6/23	6: 0	17.18 49	1.23 9.5	0.87 11.0	0.75 10.7
(168)	1988	6/23	8: 0	16.94 46	1.56 9.0	1.41 8.8	0.94 11.8
(169)	1988	6/23	10: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0
(170)	1988	6/23	12: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0
(171)	1988	6/23	14: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0
(172)	1988	6/23	16: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0
(173)	1988	6/23	18: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0
(174)	1988	6/23	20: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0
(175)	1988	6/23	22: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0
(176)	1988	6/24	0: 0	0.00 0	* 0.00 0.0	0.00 0.0	* 0.00 0.0
(177)	1988	6/24	2: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0
(178)	1988	6/24	4: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0
(179)	1988	6/24	6: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0
(180)	1988	6/24	8: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0

COMMENT NUSA DUA OFF SHORE

Table Frequency of Wave Height and Period (Nusa Dua on shore)

1988 5/ 5 8: 0 >> 1988 5/19 10: 0

H(m)/T(s)	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	22.0	TOTAL	(%)
0.0	710	863	531	457	359	255	203	149	144	94	71	54	43	17	26	21	13	8	15	8	19	4060	43.0
0.2	170	802	729	508	436	305	275	180	161	127	94	67	60	35	22	15	10	11	5	4	7	4624	42.6
0.4	29	205	199	147	133	92	67	57	41	36	44	19	15	9	9	5	10	1	4	3	1	1126	11.9
0.6	2	29	43	29	19	12	9	8	9	7	5	8	3	6	3	4	2	1	0	1	1	201	2.1
0.8	0	5	9	3	1	2	1	1	0	1	0	1	0	0	1	2	0	0	0	0	0	27	0.3
1.0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0.0
1.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
1.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
1.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
2.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
2.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
2.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
2.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
2.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
3.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
3.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
3.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
3.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
3.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
4.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
4.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
4.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
4.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
4.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
5.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
5.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
5.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
5.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
6.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
6.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
6.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
6.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
7.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
7.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
7.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
7.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
8.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
8.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
8.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
8.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
9.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
9.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
9.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
9.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
9.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
TOTAL	912	1905	1511	1144	948	668	555	395	365	255	214	149	121	67	61	47	35	21	24	16	28	9441	100.0
(%)	9.7	20.2	16.0	12.1	10.0	7.1	5.9	4.2	3.8	2.8	2.3	1.6	1.3	0.7	0.6	0.5	0.4	0.2	0.3	0.2	0.3	0.3	100.0

Table Wave Calculated Result (Nusa Dua on shore)

	DATE	TIME	DEPTH (N)	MAX	1/10	1/3	MEAN
( 1 )	1988	5/ 5 8: 0	1.59 71	* 1.00 5.0	0.78 7.7	* 0.67 7.3	0.46 6.9
( 2 )	1988	5/ 5 10: 0	0.82 81	0.58 5.0	0.53 8.6	0.47 7.3	0.34 6.1
( 3 )	1988	5/ 5 12: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 4 )	1988	5/ 5 14: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 5 )	1988	5/ 5 16: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 6 )	1988	5/ 5 18: 0	0.41 95	0.37 12.5	0.29 5.5	0.24 5.8	0.18 5.2
( 7 )	1988	5/ 5 20: 0	0.88 96	0.66 5.5	0.55 5.7	0.47 5.8	0.33 5.1
( 8 )	1988	5/ 5 22: 0	0.59 87	0.40 10.5	0.35 5.3	0.32 5.0	0.24 5.6
( 9 )	1988	5/ 6 0: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 10 )	1988	5/ 6 2: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 11 )	1988	5/ 6 4: 0	0.27 82	0.26 11.0	0.23 7.3	0.19 6.5	0.14 5.9
( 12 )	1988	5/ 6 6: 0	1.18 70	0.57 7.5	0.52 9.8	0.46 8.7	0.31 7.1
( 13 )	1988	5/ 6 8: 0	1.57 63	0.63 6.0	0.57 8.8	0.46 9.2	0.33 7.8
( 14 )	1988	5/ 6 10: 0	1.12 78	* 0.63 6.5	0.55 6.9	* 0.47 7.2	0.33 6.3
( 15 )	1988	5/ 6 12: 0	0.14 38	0.18 17.0	0.16 12.3	0.12 10.1	0.09 7.1
( 16 )	1988	5/ 6 14: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 17 )	1988	5/ 6 16: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 18 )	1988	5/ 6 18: 0	0.14 63	0.21 20.5	0.19 9.8	0.17 8.4	0.13 6.9
( 19 )	1988	5/ 6 20: 0	0.67 95	0.40 8.5	0.36 5.9	0.32 6.0	0.22 5.2
( 20 )	1988	5/ 6 22: 0	0.65 96	0.38 4.5	0.34 4.1	0.30 4.8	0.21 5.1
( 21 )	1988	5/ 7 0: 0	0.16 55	0.21 19.5	0.16 14.4	0.14 9.5	0.10 8.1
( 22 )	1988	5/ 7 2: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 23 )	1988	5/ 7 4: 0	0.16 61	0.21 20.0	0.15 14.8	0.13 9.1	0.09 6.9
( 24 )	1988	5/ 7 6: 0	0.88 79	* 0.49 5.5	0.43 8.7	* 0.37 6.6	0.27 6.2
( 25 )	1988	5/ 7 8: 0	1.41 72	0.45 12.0	0.38 9.3	0.31 8.5	0.22 6.8
( 26 )	1988	5/ 7 10: 0	1.24 68	0.49 5.0	0.38 9.5	0.32 8.8	0.24 7.1
( 27 )	1988	5/ 7 12: 0	0.45 90	0.34 10.5	0.29 6.7	0.25 6.5	0.18 5.5
( 28 )	1988	5/ 7 14: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 29 )	1988	5/ 7 16: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 30 )	1988	5/ 7 18: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 31 )	1988	5/ 7 20: 0	0.45 89	0.34 5.0	0.29 6.2	0.24 6.2	0.17 5.6
( 32 )	1988	5/ 7 22: 0	0.63 86	0.35 5.5	0.31 5.7	0.26 6.5	0.18 5.7
( 33 )	1988	5/ 8 0: 0	0.33 91	0.23 7.5	0.22 5.3	0.19 5.1	0.14 5.4
( 34 )	1988	5/ 8 2: 0	0.02 22	0.03 4.0	0.07 11.3	0.05 11.5	0.05 10.3
( 35 )	1988	5/ 8 4: 0	0.08 57	0.12 10.5	0.10 8.4	0.09 8.2	0.07 7.3
( 36 )	1988	5/ 8 6: 0	0.57 69	0.37 4.0	0.31 7.5	0.25 8.5	0.18 7.0
( 37 )	1988	5/ 8 8: 0	1.14 57	0.40 11.5	0.37 10.6	0.31 10.1	0.22 8.6
( 38 )	1988	5/ 8 10: 0	1.24 53	0.42 15.5	0.41 13.1	* 0.37 11.9	0.25 9.4
( 39 )	1988	5/ 8 12: 0	0.75 76	* 0.51 6.5	0.38 7.8	0.32 6.6	0.21 6.1
( 40 )	1988	5/ 8 14: 0	0.10 46	0.13 20.0	0.11 12.7	0.10 11.6	0.08 8.9
( 41 )	1988	5/ 8 16: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 42 )	1988	5/ 8 18: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 43 )	1988	5/ 8 20: 0	0.25 90	0.26 19.0	0.20 8.0	0.16 7.3	0.12 5.4
( 44 )	1988	5/ 8 22: 0	0.51 86	0.37 10.0	0.33 6.5	0.28 5.9	0.20 5.7
( 45 )	1988	5/ 9 0: 0	0.47 88	0.39 17.5	0.30 7.6	0.25 5.8	0.19 5.5
( 46 )	1988	5/ 9 2: 0	0.25 82	0.23 7.5	0.21 8.3	0.17 6.2	0.12 5.0
( 47 )	1988	5/ 9 4: 0	0.18 71	0.20 9.0	0.16 8.1	0.13 7.9	0.10 6.0
( 48 )	1988	5/ 9 6: 0	0.41 92	0.29 15.5	0.25 7.1	0.23 6.1	0.17 5.2
( 49 )	1988	5/ 9 8: 0	0.80 90	0.53 3.5	0.50 4.8	0.45 5.2	0.34 5.5
( 50 )	1988	5/ 9 10: 0	1.06 94	* 0.65 15.5	0.57 10.1	* 0.50 6.3	0.36 5.2
( 51 )	1988	5/ 9 12: 0	0.90 84	0.55 3.5	0.50 5.6	0.45 5.5	0.34 5.9
( 52 )	1988	5/ 9 14: 0	0.45 93	0.37 10.0	0.32 7.5	0.26 5.9	0.19 5.3
( 53 )	1988	5/ 9 16: 0	0.04 14	0.13 16.0	0.13 16.0	0.09 12.6	0.07 13.0
( 54 )	1988	5/ 9 18: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 55 )	1988	5/ 9 20: 0	0.06 39	0.13 5.5	0.12 11.8	0.09 10.2	0.07 7.9
( 56 )	1988	5/ 9 22: 0	0.37 80	0.29 13.0	0.26 7.7	0.23 8.1	0.16 5.2
( 57 )	1988	5/10 0: 0	0.55 89	0.40 7.0	0.37 7.1	0.33 6.4	0.24 5.6
( 58 )	1988	5/10 2: 0	0.51 97	0.37 6.5	0.31 5.0	0.27 5.7	0.21 5.0
( 59 )	1988	5/10 4: 0	0.37 79	0.29 11.0	0.24 8.3	0.22 7.6	0.16 6.2
( 60 )	1988	5/10 6: 0	0.31 85	0.26 8.5	0.23 6.7	0.19 6.6	0.13 5.7
( 61 )	1988	5/10 8: 0	0.47 94	0.31 6.0	0.30 6.4	0.26 5.5	0.19 5.3
( 62 )	1988	5/10 10: 0	0.76 91	0.40 7.0	0.39 6.3	0.34 6.3	0.25 5.4
( 63 )	1988	5/10 12: 0	0.86 80	0.46 7.0	0.41 6.6	0.36 6.3	0.26 6.1
( 64 )	1988	5/10 14: 0	0.75 88	* 0.48 3.5	0.41 4.8	* 0.37 5.9	0.26 5.5
( 65 )	1988	5/10 16: 0	0.37 89	0.25 4.5	0.22 5.0	0.20 5.0	0.15 5.6
( 66 )	1988	5/10 18: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 67 )	1988	5/10 20: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 68 )	1988	5/10 22: 0	0.18 69	0.21 21.5	0.21 10.5	0.18 8.5	0.13 7.0
( 69 )	1988	5/11 0: 0	0.51 88	0.37 5.5	0.34 4.1	0.29 6.5	0.21 5.6
( 70 )	1988	5/11 2: 0	0.71 74	0.46 7.0	0.40 6.9	0.34 7.5	0.24 5.5
( 71 )	1988	5/11 4: 0	0.61 91	0.48 9.0	0.40 8.1	0.34 6.1	0.25 5.4
( 72 )	1988	5/11 6: 0	0.37 88	0.30 3.0	0.28 8.3	0.23 6.4	0.16 5.6
( 73 )	1988	5/11 8: 0	0.24 66	0.23 8.0	0.21 8.0	0.17 8.1	0.12 6.5



	DATE	TIME	DEPTH (N)	MAX	1/10	1/3	MEAN
( 74)	1988	5/11	10: 0	0.35 84	0.34 8.5	0.29 5.9	0.17 5.9
( 75)	1988	5/11	12: 0	0.67 89	0.49 4.5	0.43 6.1	0.26 5.6
( 76)	1988	5/11	14: 0	0.84 80	* 0.61 13.0	0.60 9.8	* 0.43 6.9
( 77)	1988	5/11	16: 0	0.69 70	0.55 13.0	0.46 8.9	0.39 8.1
( 78)	1988	5/11	18: 0	0.26 66	0.26 18.5	0.20 9.7	0.17 8.6
( 79)	1988	5/11	20: 0	0.02 26	0.08 7.0	0.08 6.3	0.08 7.6
( 80)	1988	5/11	22: 0	0.06 31	0.17 6.5	0.15 10.7	0.12 8.6
( 81)	1988	5/12	0: 0	0.49 100	0.44 3.0	0.37 4.6	0.33 4.7
( 82)	1988	5/12	2: 0	0.90 87	0.58 11.5	0.54 7.6	0.47 6.9
( 83)	1988	5/12	4: 0	0.94 77	* 0.66 15.5	0.57 9.0	* 0.49 7.4
( 84)	1988	5/12	6: 0	0.57 84	0.48 5.5	0.36 6.6	0.31 6.9
( 85)	1988	5/12	8: 0	0.14 62	0.23 18.0	0.20 10.3	0.16 8.2
( 86)	1988	5/12	10: 0	0.02 17	0.15 22.0	0.13 14.8	0.11 13.2
( 87)	1988	5/12	12: 0	0.29 74	0.39 12.0	0.35 10.9	0.29 7.3
( 88)	1988	5/12	14: 0	0.75 82	0.61 18.0	0.52 11.9	0.44 8.8
( 89)	1988	5/12	16: 0	0.90 86	0.62 6.5	0.55 6.6	0.48 6.4
( 90)	1988	5/12	18: 0	0.55 90	0.47 20.0	0.39 7.3	0.32 6.6
( 91)	1988	5/12	20: 0	0.06 22	0.15 21.5	0.14 13.8	0.10 11.0
( 92)	1988	5/12	22: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0
( 93)	1988	5/13	0: 0	0.33 86	0.34 7.0	0.28 5.4	0.24 5.7
( 94)	1988	5/13	2: 0	0.98 81	0.74 17.0	0.63 7.2	0.52 6.4
( 95)	1988	5/13	4: 0	1.26 78	* 0.94 4.5	0.74 8.3	* 0.66 5.6
( 96)	1988	5/13	6: 0	0.92 91	0.56 12.0	0.53 8.8	0.47 6.7
( 97)	1988	5/13	8: 0	0.24 73	0.26 5.0	0.22 7.7	0.17 6.1
( 98)	1988	5/13	10: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0
( 99)	1988	5/13	12: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0
(100)	1988	5/13	14: 0	0.67 88	0.47 20.5	0.40 9.4	0.33 7.0
(101)	1988	5/13	16: 0	0.98 80	0.71 6.0	0.69 6.4	0.62 5.7
(102)	1988	5/13	18: 0	0.80 70	0.56 18.6	0.49 12.7	0.42 8.5
(103)	1988	5/13	20: 0	0.24 30	0.26 24.5	0.22 12.7	0.18 11.0
(104)	1988	5/13	22: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0
(105)	1988	5/14	0: 0	0.18 47	0.25 4.0	0.26 6.8	0.23 6.6
(106)	1988	5/14	2: 0	0.90 83	0.79 24.5	0.63 10.6	0.52 7.5
(107)	1988	5/14	4: 0	1.49 72	* 1.02 7.5	0.81 11.8	0.69 8.1
(108)	1988	5/14	6: 0	1.29 65	0.93 7.5	0.80 8.4	* 0.70 9.7
(109)	1988	5/14	8: 0	0.45 83	0.31 6.0	0.29 9.0	0.26 7.3
(110)	1988	5/14	10: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0
(111)	1988	5/14	12: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0
(112)	1988	5/14	14: 0	0.16 52	0.21 19.5	0.18 8.6	0.15 8.6
(113)	1988	5/14	16: 0	0.90 92	0.61 7.5	0.49 5.4	0.44 5.5
(114)	1988	5/14	18: 0	1.00 86	0.72 10.5	0.60 6.0	0.51 6.3
(115)	1988	5/14	20: 0	0.45 61	0.42 14.5	0.35 8.6	0.29 8.6
(116)	1988	5/14	22: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0
(117)	1988	5/15	0: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0
(118)	1988	5/15	2: 0	0.69 82	0.43 7.0	0.39 6.3	0.35 6.2
(119)	1988	5/15	4: 0	1.57 63	* 0.94 4.5	0.72 8.2	* 0.58 8.3
(120)	1988	5/15	6: 0	1.61 62	0.68 9.0	0.65 9.7	0.46 10.4
(121)	1988	5/15	8: 0	0.75 90	0.53 8.0	0.46 6.3	0.39 6.2
(122)	1988	5/15	10: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0
(123)	1988	5/15	12: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0
(124)	1988	5/15	14: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0
(125)	1988	5/15	16: 0	0.65 89	0.50 7.5	0.42 6.3	0.36 6.3
(126)	1988	5/15	18: 0	1.04 77	0.58 5.5	0.53 7.1	0.45 6.7
(127)	1988	5/15	20: 0	0.65 85	0.47 10.5	0.42 9.0	0.35 7.5
(128)	1988	5/15	22: 0	0.02 10	0.15 20.5	0.15 20.5	0.10 14.3
(129)	1988	5/16	0: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0
(130)	1988	5/16	2: 0	0.39 95	0.34 12.5	0.31 6.6	0.27 5.9
(131)	1988	5/16	4: 0	1.43 71	0.83 11.0	0.77 10.0	0.64 8.7
(132)	1988	5/16	6: 0	1.77 61	* 0.88 17.0	0.81 12.6	* 0.72 9.2
(133)	1988	5/16	8: 0	1.12 86	0.74 5.0	0.65 5.6	0.57 6.1
(134)	1988	5/16	10: 0	0.02 14	0.10 18.0	0.10 18.0	0.08 12.9
(135)	1988	5/16	12: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0
(136)	1988	5/16	14: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0
(137)	1988	5/16	16: 0	0.33 84	0.28 2.5	0.28 4.8	0.24 5.7
(138)	1988	5/16	18: 0	1.02 84	0.82 3.0	0.66 5.8	0.47 6.6
(139)	1988	5/16	20: 0	0.82 92	0.61 4.5	0.49 6.4	0.41 5.8
(140)	1988	5/16	22: 0	0.14 27	0.15 4.0	0.13 3.7	0.14 8.9
(141)	1988	5/17	0: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0
(142)	1988	5/17	2: 0	0.16 73	0.25 16.5	0.21 11.0	0.16 7.7
(143)	1988	5/17	4: 0	1.12 77	0.75 8.5	0.64 8.1	0.53 7.4
(144)	1988	5/17	6: 0	1.78 73	0.63 9.0	0.59 8.6	0.50 8.4

	DATE	TIME	DEPTH (M)	MAX	1/10	1/3	MEAN
(145)	1988	5/17 8: 0	1.41 67	* 0.86 7.0	0.67 9.4	* 0.57 8.9	0.39 7.4
(146)	1988	5/17 10: 0	0.27 68	0.26 12.0	0.22 8.1	0.19 7.6	0.14 6.2
(147)	1988	5/17 12: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(148)	1988	5/17 14: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(149)	1988	5/17 16: 0	0.02 33	0.03 4.0	0.08 9.3	0.08 10.7	0.05 9.5
(150)	1988	5/17 18: 0	0.88 74	0.48 13.5	0.43 9.4	0.38 7.5	0.28 6.7
(151)	1988	5/17 20: 0	0.94 84	0.61 5.0	0.54 6.3	0.46 6.4	0.32 5.9
(152)	1988	5/17 22: 0	0.35 92	0.31 15.5	0.27 6.9	0.22 6.3	0.16 5.3
(153)	1988	5/18 0: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(154)	1988	5/18 2: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(155)	1988	5/18 4: 0	0.82 87	0.53 9.5	0.45 6.8	0.39 6.4	0.28 5.6
(156)	1988	5/18 6: 0	1.65 67	0.54 10.0	0.49 7.9	0.44 8.1	0.32 7.2
(157)	1988	5/18 8: 0	1.57 69	* 0.59 12.0	0.51 9.5	* 0.45 8.0	0.32 7.1
(158)	1988	5/18 10: 0	0.63 82	0.51 4.0	0.44 7.2	0.36 5.9	0.26 5.9
(159)	1988	5/18 12: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(160)	1988	5/18 14: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(161)	1988	5/18 16: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(162)	1988	5/18 18: 0	0.69 90	0.42 17.0	0.39 7.6	0.34 6.5	0.26 5.4
(163)	1988	5/18 20: 0	1.00 78	0.56 12.0	0.53 7.9	0.44 7.8	0.31 6.3
(164)	1988	5/18 22: 0	0.67 92	0.43 3.5	0.36 5.3	0.30 5.3	0.22 5.4
(165)	1988	5/19 0: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(166)	1988	5/19 2: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(167)	1988	5/19 4: 0	0.57 92	0.40 4.5	0.36 7.1	0.32 6.1	0.24 5.4
(168)	1988	5/19 6: 0	1.39 69	* 0.56 11.0	0.48 8.1	* 0.40 8.6	0.28 7.0
(169)	1988	5/19 8: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(170)	1988	5/19 10: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0

COMMENT: Nusa Dua Inreef

Table Frequency of Wave Height and Period (Nusa Dua on shore)

H(m)/T(s)	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	22.0	TOTAL	(%)	
0.0	144	210	132	119	88	84	34	46	40	31	24	20	10	12	8	7	2	1	1	1	2	1050	50.1	
0.2	40	211	112	71	35	53	51	44	29	17	18	16	20	14	7	3	5	0	0	0	0	848	40.5	
0.4	2	42	20	17	11	8	4	7	2	2	2	1	1	2	1	1	1	0	0	0	0	169	8.1	
0.6	1	1	0	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	26	1.2	
0.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
1.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
1.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
1.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
1.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
2.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
2.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
2.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
2.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
2.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
3.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
3.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
3.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
3.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
3.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
4.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
4.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
4.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
4.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
4.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
5.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
5.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
5.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
5.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
6.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
6.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
6.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
6.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
7.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
7.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
7.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
7.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
8.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
8.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
8.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
8.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
9.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
9.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
9.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
9.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
9.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
TOTAL	187	478	290	212	181	153	130	101	91	63	44	40	27	34	25	19	9	6	1	1	2	2094	100.0	

1988 5/19 12: 0 1988 5/22 10: 0

Table Wave Calculated Result (Nusa Dua on shore)

	DATE	TIME	DEPTH (N)	MAX	1/10	1/3	MEAN
( 1)	1988	5/19 12: 0	1.63 64	* 0.71 6.0	0.53 8.2	* 0.42 8.2	0.30 7.6
( 2)	1988	5/19 14: 0	0.92 82	0.57 7.0	0.47 6.3	0.41 6.7	0.29 5.8
( 3)	1988	5/19 16: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 4)	1988	5/19 18: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 5)	1988	5/19 20: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 6)	1988	5/19 22: 0	0.45 97	0.34 7.5	0.28 5.0	0.24 5.5	0.18 5.1
( 7)	1988	5/20 0: 0	0.98 76	0.49 6.5	0.43 8.6	0.37 7.1	0.27 6.4
( 8)	1988	5/20 2: 0	0.73 92	0.48 6.5	0.39 7.1	0.33 5.7	0.25 5.4
( 9)	1988	5/20 4: 0	0.18 58	0.18 11.5	0.15 6.5	0.14 8.9	0.10 8.2
(10)	1988	5/20 6: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(11)	1988	5/20 8: 0	0.41 99	0.35 2.5	0.31 4.0	0.27 4.9	0.20 4.9
(12)	1988	5/20 10: 0	1.18 62	0.67 6.0	0.55 6.6	0.47 6.7	0.34 7.9
(13)	1988	5/20 12: 0	1.63 57	* 0.80 16.0	0.71 12.3	* 0.62 11.0	0.44 8.7
(14)	1988	5/20 14: 0	1.18 69	0.66 18.0	0.60 6.2	0.52 7.3	0.39 7.1
(15)	1988	5/20 16: 0	0.29 86	0.26 14.0	0.21 9.5	0.18 7.8	0.13 5.7
(16)	1988	5/20 18: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(17)	1988	5/20 20: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(18)	1988	5/20 22: 0	0.27 85	0.33 6.0	0.28 6.6	0.24 5.4	0.18 5.7
(19)	1988	5/21 0: 0	0.84 85	0.49 5.5	0.46 4.8	0.38 5.9	0.26 5.8
(20)	1988	5/21 2: 0	0.82 89	0.48 9.0	0.43 5.6	0.37 5.7	0.27 5.6
(21)	1988	5/21 4: 0	0.39 85	0.26 7.0	0.22 5.9	0.20 6.4	0.15 5.8
(22)	1988	5/21 6: 0	0.04 19	0.13 24.0	0.11 20.8	0.10 14.7	0.07 12.0
(23)	1988	5/21 8: 0	0.29 65	0.34 13.0	0.30 11.4	0.25 7.6	0.19 6.1
(24)	1988	5/21 10: 0	0.92 85	0.57 4.0	0.47 4.7	0.41 5.3	0.28 5.8
(25)	1988	5/21 12: 0	1.43 54	0.40 12.5	0.36 9.5	0.30 10.4	0.22 9.0
(26)	1988	5/21 14: 0	1.27 65	* 0.73 4.0	0.56 5.5	* 0.44 7.6	0.30 7.4
(27)	1988	5/21 16: 0	0.57 77	0.37 4.0	0.33 4.6	0.27 6.6	0.19 6.4
(28)	1988	5/21 18: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(29)	1988	5/21 20: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(30)	1988	5/21 22: 0	0.16 70	0.13 17.0	0.12 10.4	0.11 7.3	0.08 6.5
(31)	1988	5/22 0: 0	0.71 87	0.35 4.5	0.32 4.5	0.27 5.7	0.20 5.7
(32)	1988	5/22 2: 0	0.86 60	* 3.67 6.5	0.90 7.5	* 0.47 9.9	0.28 8.3
(33)	1988	5/22 4: 0	0.57 83	0.67 9.0	0.29 7.2	0.25 6.0	0.19 6.0
(34)	1988	5/22 6: 0	0.22 86	0.16 3.5	0.16 6.7	0.13 7.6	0.10 5.6
(35)	1988	5/22 8: 0	0.25 78	0.18 5.5	0.17 7.0	0.15 6.5	0.11 6.3
(36)	1988	5/22 10: 0	0.76 79	0.44 4.0	0.37 5.6	0.33 5.3	0.25 6.1

Table Frequency of Wave Height and Period (Nusa Dua on shore) 1988 6/ 3 15: 0 >> 1988 6/23 9: 0

H(m)/T(s)	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	22.0	TOTAL	(%)
0.0	1272	1322	778	560	407	292	212	189	163	117	91	68	51	50	41	32	19	15	13	11	31	5734	26.6
0.2	440	1468	1093	896	683	485	380	304	216	150	125	78	51	33	21	20	31	10	15	13	22	5534	41.7
0.4	75	460	514	392	327	254	193	135	85	65	47	41	27	20	14	16	6	9	6	2	3	2691	17.2
0.6	10	74	129	99	87	54	45	37	22	19	19	5	6	10	3	5	7	5	0	0	0	629	4.1
0.8	1	12	12	12	13	8	7	6	2	1	2	0	2	2	0	0	1	0	0	0	0	82	0.5
1.0	0	1	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0.0
1.2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.0
1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
1.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
1.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
2.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
2.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
2.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
2.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
2.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
3.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
3.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
3.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
3.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
3.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
4.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
4.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
4.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
4.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
4.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
5.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
5.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
5.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
5.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
6.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
6.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
6.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
6.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
7.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
7.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
7.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
7.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
8.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
8.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
8.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
8.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
9.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
9.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
9.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
9.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
9.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
TOTAL	1799	3337	2526	1960	1518	1096	837	671	488	352	284	192	137	115	79	73	65	39	34	29	56	15687	100.0

(2) 11.5 21.3 15.1 12.6 9.7 7.0 5.3 4.3 3.1 2.2 1.4 0.8 0.4 0.2 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0

Table Wave Calculated Result (Nusa Dua on shore)

	DATE	TIME	DEPTH (M)	MAX	1/10	1/3	MEAN
( 1)	1988	6/ 3 15: 0	0.59 91	0.47 14.0	0.43 7.4	0.36 6.6	0.25 5.4
( 2)	1988	6/ 3 17: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 3)	1988	6/ 3 19: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 4)	1988	6/ 3 21: 0	0.37 99	0.32 2.0	0.31 6.3	0.26 5.3	0.19 4.9
( 5)	1988	6/ 3 23: 0	1.06 83	* 0.79 7.0	0.63 10.8	* 0.54 7.4	0.40 5.9
( 6)	1988	6/ 4 1: 0	1.16 84	0.81 5.5	0.70 7.4	0.60 7.0	0.44 5.9
( 7)	1988	6/ 4 3: 0	0.65 94	0.50 7.5	0.43 7.8	0.36 6.2	0.25 5.2
( 8)	1988	6/ 4 5: 0	0.16 73	0.23 8.0	0.19 6.4	0.16 8.3	0.11 6.7
( 9)	1988	6/ 4 7: 0	0.31 90	0.30 4.0	0.26 5.8	0.22 6.2	0.15 5.5
( 10)	1988	6/ 4 9: 0	1.10 84	0.72 11.5	0.69 7.5	0.62 6.8	0.46 5.9
( 11)	1988	6/ 4 11: 0	1.82 75	1.03 6.5	0.90 7.9	0.74 8.4	0.55 6.5
( 12)	1988	6/ 4 13: 0	1.75 78	* 1.12 7.0	0.95 7.3	* 0.78 7.6	0.58 6.3
( 13)	1988	6/ 4 15: 0	0.94 95	0.77 4.0	0.62 5.1	0.55 5.6	0.41 5.2
( 14)	1988	6/ 4 17: 0	0.02 36	0.09 5.5	0.11 9.1	0.08 7.1	0.06 7.9
( 15)	1988	6/ 4 19: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 16)	1988	6/ 4 21: 0	0.14 62	0.23 11.0	0.21 11.3	0.17 7.8	0.13 6.9
( 17)	1988	6/ 4 23: 0	0.86 94	0.60 5.5	0.55 6.5	0.47 6.2	0.34 5.2
( 18)	1988	6/ 5 1: 0	1.18 86	0.72 9.5	0.63 7.2	0.57 6.3	0.42 5.6
( 19)	1988	6/ 5 3: 0	0.80 83	0.54 7.0	0.51 5.8	0.45 5.9	0.32 5.9
( 20)	1988	6/ 5 5: 0	0.27 83	0.29 16.0	0.24 6.2	0.19 7.1	0.13 5.8
( 21)	1988	6/ 5 7: 0	0.20 84	0.28 10.0	0.22 6.0	0.18 6.9	0.13 5.9
( 22)	1988	6/ 5 9: 0	0.75 86	0.59 5.5	0.49 7.5	0.44 6.2	0.32 5.7
( 23)	1988	6/ 5 11: 0	1.51 81	0.84 9.0	0.69 8.1	0.60 7.2	0.41 6.1
( 24)	1988	6/ 5 13: 0	1.75 74	* 0.98 10.0	0.82 7.0	* 0.68 7.7	0.47 6.7
( 25)	1988	6/ 5 15: 0	1.22 78	0.73 5.5	0.63 7.8	0.54 7.6	0.39 6.3
( 26)	1988	6/ 5 17: 0	0.29 81	0.32 4.0	0.29 7.1	0.24 7.3	0.17 5.7
( 27)	1988	6/ 5 19: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 28)	1988	6/ 5 21: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 29)	1988	6/ 5 23: 0	0.57 100	0.45 7.0	0.41 6.1	0.36 5.4	0.25 4.9
( 30)	1988	6/ 6 1: 0	1.06 89	0.67 11.0	0.61 6.4	0.53 5.9	0.39 5.5
( 31)	1988	6/ 6 3: 0	0.98 85	0.68 6.5	0.61 6.8	0.53 7.1	0.38 5.7
( 32)	1988	6/ 6 5: 0	0.47 90	0.37 4.5	0.33 7.3	0.29 6.4	0.21 5.5
( 33)	1988	6/ 6 7: 0	0.18 86	0.23 15.0	0.18 7.5	0.15 6.1	0.11 5.6
( 34)	1988	6/ 6 9: 0	0.43 92	0.39 7.0	0.35 7.8	0.29 6.5	0.21 5.3
( 35)	1988	6/ 6 11: 0	1.06 85	0.78 9.5	0.65 8.3	0.58 6.9	0.41 5.8
( 36)	1988	6/ 6 13: 0	1.49 72	* 0.82 6.0	0.71 6.5	* 0.60 7.4	0.43 6.8
( 37)	1988	6/ 6 15: 0	1.27 88	0.76 5.5	0.69 5.9	0.56 6.9	0.38 5.6
( 38)	1988	6/ 6 17: 0	0.59 100	0.51 4.5	0.41 4.8	0.35 5.9	0.26 4.9
( 39)	1988	6/ 6 19: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 40)	1988	6/ 6 21: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 41)	1988	6/ 6 23: 0	0.27 88	0.31 9.0	0.27 5.9	0.23 6.4	0.17 5.6
( 42)	1988	* 6/ 7 1: 0	0.84 90	0.57 6.5	0.49 7.2	0.41 6.3	0.29 5.3
( 43)	1988	6/ 7 3: 0	1.04 84	0.72 9.5	0.65 6.4	0.54 6.3	0.37 5.7
( 44)	1988	6/ 7 5: 0	0.73 91	0.58 4.0	0.47 5.4	0.40 5.9	0.29 5.4
( 45)	1988	6/ 7 7: 0	0.33 92	0.29 12.5	0.24 7.8	0.21 6.5	0.16 5.4
( 46)	1988	6/ 7 9: 0	0.25 92	0.31 7.5	0.23 4.9	0.20 5.6	0.15 5.4
( 47)	1988	6/ 7 11: 0	0.53 97	0.46 4.5	0.40 5.8	0.35 6.0	0.25 5.0
( 48)	1988	6/ 7 13: 0	1.06 73	0.64 12.0	0.59 9.5	0.49 7.7	0.34 6.7
( 49)	1988	6/ 7 15: 0	1.18 84	* 0.77 5.0	0.67 6.7	* 0.55 7.4	0.40 5.9
( 50)	1988	6/ 7 17: 0	0.80 100	0.59 4.0	0.50 7.6	0.44 6.0	0.30 4.8
( 51)	1988	6/ 7 19: 0	0.18 72	0.23 10.0	0.20 8.9	0.16 8.4	0.11 6.8
( 52)	1988	6/ 7 21: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 53)	1988	6/ 7 23: 0	0.12 84	0.19 5.0	0.16 4.9	0.14 5.6	0.11 5.9
( 54)	1988	6/ 8 1: 0	0.65 98	0.52 4.0	0.43 5.2	0.37 5.4	0.27 5.0
( 55)	1988	6/ 8 3: 0	1.04 92	0.67 9.0	0.62 6.9	* 0.53 6.5	0.39 5.3
( 56)	1988	6/ 8 5: 0	0.96 92	* 0.84 7.0	0.64 6.4	0.52 6.2	0.38 5.4
( 57)	1988	6/ 8 7: 0	0.57 88	0.45 4.5	0.41 7.1	0.35 6.0	0.24 5.4
( 58)	1988	6/ 8 9: 0	0.29 92	0.27 4.0	0.25 6.9	0.21 6.9	0.14 5.4
( 59)	1988	6/ 8 11: 0	0.37 91	0.35 4.0	0.32 5.2	0.27 6.2	0.20 5.4
( 60)	1988	6/ 8 13: 0	0.69 94	0.58 8.0	0.48 6.6	0.42 5.8	0.31 5.3
( 61)	1988	6/ 8 15: 0	0.92 91	0.69 5.5	0.62 6.3	0.53 6.5	0.38 5.4
( 62)	1988	6/ 8 17: 0	0.88 87	* 0.67 8.5	0.56 9.1	0.48 6.7	0.35 5.7
( 63)	1988	6/ 8 19: 0	0.45 86	0.44 6.0	0.34 6.0	0.29 7.4	0.21 5.7
( 64)	1988	6/ 8 21: 0	0.08 34	0.18 13.5	0.16 10.0	0.13 8.4	0.09 7.9
( 65)	1988	6/ 8 23: 0	0.04 37	0.16 9.5	0.16 15.0	0.11 13.3	0.07 10.1
( 66)	1988	6/ 9 1: 0	0.43 92	0.39 5.0	0.35 7.5	0.29 6.5	0.21 5.4
( 67)	1988	6/ 9 3: 0	0.92 80	0.59 7.0	0.55 7.9	0.45 7.1	0.32 6.1
( 68)	1988	6/ 9 5: 0	1.12 80	0.81 8.0	0.70 9.7	* 0.59 7.6	0.40 6.0
( 69)	1988	6/ 9 7: 0	0.86 90	* 1.31 2.5	0.61 6.6	0.49 5.7	0.35 5.5
( 70)	1988	6/ 9 9: 0	0.41 99	0.33 3.5	0.30 4.9	0.25 5.0	0.18 5.0
( 71)	1988	6/ 9 11: 0	0.14 61	0.17 7.5	0.17 8.1	0.14 9.7	0.10 7.3
( 72)	1988	6/ 9 13: 0	0.25 93	0.24 4.5	0.23 8.3	0.20 6.7	0.14 5.3
( 73)	1988	6/ 9 15: 0	0.55 89	0.45 11.5	0.42 7.7	0.37 6.5	0.27 5.5
( 74)	1988	6/ 9 17: 0	0.75 95	0.56 6.0	0.50 7.3	0.44 6.4	0.31 5.2
( 75)	1988	6/ 9 19: 0	0.61 88	0.48 8.0	0.43 6.0	0.38 6.6	0.27 5.6
( 76)	1988	6/ 9 21: 0	0.25 85	0.28 8.5	0.24 5.2	0.21 6.9	0.15 5.8
( 77)	1988	6/ 9 23: 0	0.08 54	0.11 4.0	0.14 8.9	0.12 8.6	0.09 6.6

	DATE	TIME	DEPTH (N)	MAX	1/10	1/3	MEAN
( 78)	1988	6/10	1: 0	0.25 88	0.26 3.5	0.27 8.6	0.15 8.6
( 79)	1988	6/10	3: 0	0.76 91	0.66 17.5	0.54 8.1	0.33 5.4
( 80)	1988	6/10	5: 0	1.16 83	0.74 7.0	0.66 8.6	0.43 5.9
( 81)	1988	6/10	7: 0	1.16 84	* 0.75 11.0	0.70 7.6	* 0.59 6.6
( 82)	1988	6/10	9: 0	0.73 79	0.52 4.5	0.47 7.1	0.40 7.3
( 83)	1988	6/10	11: 0	0.25 66	0.33 6.5	0.29 10.3	0.24 9.6
( 84)	1988	6/10	13: 0	0.10 42	0.26 20.5	0.23 18.1	0.18 14.0
( 85)	1988	6/10	15: 0	0.25 57	0.31 17.0	0.28 14.3	0.24 10.7
( 86)	1988	6/10	17: 0	0.59 92	0.50 13.5	0.43 8.7	0.37 6.4
( 87)	1988	6/10	19: 0	0.75 74	0.61 3.0	0.51 7.3	0.45 6.5
( 88)	1988	6/10	21: 0	0.53 83	0.50 24.0	0.41 9.9	0.33 7.6
( 89)	1988	6/10	23: 0	0.25 56	0.31 23.5	0.29 14.6	0.22 11.5
( 90)	1988	6/11	1: 0	0.18 58	0.22 6.0	0.21 9.4	0.18 7.6
( 91)	1988	6/11	3: 0	0.57 82	0.55 13.5	0.47 7.7	0.41 7.3
( 92)	1988	6/11	5: 0	1.12 79	0.74 18.5	0.66 7.3	0.56 7.0
( 93)	1988	6/11	7: 0	1.37 86	* 1.06 18.5	0.72 6.8	* 0.59 6.7
( 94)	1988	6/11	9: 0	1.08 73	0.79 18.0	0.69 13.6	0.56 8.9
( 95)	1988	6/11	11: 0	0.47 56	0.50 20.5	0.44 12.8	0.35 9.8
( 96)	1988	6/11	13: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0
( 97)	1988	6/11	15: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0
( 98)	1988	6/11	17: 0	0.27 73	0.25 6.0	0.24 6.9	0.22 6.5
( 99)	1988	6/11	19: 0	0.71 86	0.51 5.0	0.46 8.1	0.41 6.4
(100)	1988	6/11	21: 0	0.75 69	0.63 17.0	0.54 14.2	0.47 9.4
(101)	1988	6/11	23: 0	0.43 63	0.45 20.0	0.39 16.3	0.33 10.9
(102)	1988	6/12	1: 0	0.18 54	0.29 21.0	0.23 12.2	0.17 9.9
(103)	1988	6/12	3: 0	0.37 89	0.37 19.5	0.31 8.4	0.26 6.0
(104)	1988	6/12	5: 0	1.02 84	0.69 19.0	0.62 12.4	0.53 8.4
(105)	1988	6/12	7: 0	1.45 82	* 0.98 6.5	0.80 8.4	0.71 7.6
(106)	1988	6/12	9: 0	1.35 75	0.96 15.0	0.84 11.1	* 0.72 8.8
(107)	1988	6/12	11: 0	0.71 81	0.55 4.0	0.49 7.0	0.43 7.2
(108)	1988	6/12	13: 0	0.04 20	0.06 3.5	0.06 3.8	0.06 4.9
(109)	1988	6/12	15: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0
(110)	1988	6/12	17: 0	0.02 17	0.15 21.5	0.14 21.2	0.11 13.4
(111)	1988	6/12	19: 0	0.57 87	0.47 12.0	0.42 7.7	0.35 5.7
(112)	1988	6/12	21: 0	0.86 76	0.73 5.5	0.63 13.5	0.51 8.8
(113)	1988	6/12	23: 0	0.63 86	0.55 9.5	0.46 9.2	0.37 7.0
(114)	1988	6/13	1: 0	0.27 52	0.34 9.0	0.26 8.7	0.22 7.9
(115)	1988	6/13	3: 0	0.29 55	0.47 17.0	0.44 8.3	0.35 4.6
(116)	1988	6/13	5: 0	0.75 91	0.62 5.0	0.55 6.6	0.47 5.6
(117)	1988	6/13	7: 0	1.35 83	0.95 6.0	0.88 6.5	* 0.74 6.8
(118)	1988	6/13	9: 0	1.53 76	* 1.00 7.0	0.79 8.0	* 0.72 7.0
(119)	1988	6/13	11: 0	1.04 74	0.90 18.5	0.68 11.0	0.59 9.8
(120)	1988	6/13	13: 0	0.18 54	0.36 10.0	0.28 9.1	0.20 7.3
(121)	1988	6/13	15: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0
(122)	1988	6/13	17: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0
(123)	1988	6/13	19: 0	0.27 68	0.34 4.0	0.31 9.4	0.25 7.8
(124)	1988	6/13	21: 0	0.80 86	0.65 6.5	0.56 8.8	0.47 6.4
(125)	1988	6/13	23: 0	0.76 74	0.58 4.5	0.52 11.6	0.44 9.2
(126)	1988	6/14	1: 0	0.35 68	0.36 7.0	0.34 13.1	0.28 9.7
(127)	1988	6/14	3: 0	0.10 40	0.22 8.5	0.20 14.0	0.16 10.3
(128)	1988	6/14	5: 0	0.41 82	0.42 15.5	0.36 12.6	0.30 8.3
(129)	1988	6/14	7: 0	1.10 79	0.80 9.5	0.69 8.6	0.58 7.5
(130)	1988	6/14	9: 0	1.53 81	* 0.95 6.5	0.84 7.6	* 0.74 7.8
(131)	1988	6/14	11: 0	1.27 76	0.83 6.5	0.71 7.7	0.64 7.6
(132)	1988	6/14	13: 0	0.39 84	0.39 8.5	0.33 6.4	0.27 7.0
(133)	1988	6/14	15: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0
(134)	1988	6/14	17: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0
(135)	1988	6/14	19: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0
(136)	1988	6/14	21: 0	0.69 95	0.53 6.0	0.44 5.3	0.38 5.4
(137)	1988	6/14	23: 0	0.86 92	0.58 5.0	0.50 6.3	0.43 5.8
(138)	1988	6/15	1: 0	0.45 90	0.42 8.5	0.33 6.4	0.27 6.5
(139)	1988	6/15	3: 0	0.04 29	0.11 9.0	0.10 6.7	0.09 8.4
(140)	1988	6/15	5: 0	0.18 65	0.21 25.0	0.18 11.7	0.15 9.2
(141)	1988	6/15	7: 0	0.73 91	0.56 6.0	0.48 6.5	0.42 6.0
(142)	1988	6/15	9: 0	1.43 84	* 0.98 8.0	0.84 7.6	* 0.70 7.1
(143)	1988	6/15	11: 0	1.43 89	0.85 8.0	0.70 5.8	0.59 6.5
(144)	1988	6/15	13: 0	0.69 94	0.53 3.5	0.44 7.0	0.39 5.6

	DATE	TIME	DEPTH (N)	MAX	1/10	1/3	MEAN
(145)	1988	6/15 15:0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(146)	1988	6/15 17:0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(147)	1988	6/15 19:0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(148)	1988	6/15 21:0	0.47 92	0.34 7.0	0.33 6.4	0.29 6.0	0.22 5.3
(149)	1988	6/15 23:0	0.86 93	0.58 19.0	0.51 9.6	0.44 7.0	0.33 5.3
(150)	1988	6/16 1:0	0.59 93	0.51 3.5	0.42 5.6	0.35 5.5	0.25 5.2
(151)	1988	6/16 3:0	0.05 50	0.18 20.5	0.16 13.0	0.13 12.0	0.09 8.7
(152)	1988	6/16 5:0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(153)	1988	6/16 7:0	0.41 95	0.34 16.0	0.31 7.1	0.27 6.5	0.18 5.2
(154)	1988	6/16 9:0	1.20 84	0.74 5.0	0.63 6.8	0.55 7.7	0.39 5.9
(155)	1988	6/16 11:0	1.47 84	* 1.00 5.0	0.83 8.4	* 0.70 7.4	0.47 5.9
(156)	1988	6/16 13:0	0.94 87	0.66 12.0	0.58 7.6	0.52 6.6	0.39 5.7
(157)	1988	6/16 15:0	0.04 25	0.10 14.5	0.10 12.0	0.08 9.0	0.07 9.5
(158)	1988	6/16 17:0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(159)	1988	6/16 19:0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(160)	1988	6/16 21:0	0.25 81	0.31 17.0	0.26 10.4	0.21 8.2	0.15 5.9
(161)	1988	6/16 23:0	0.82 97	0.61 11.5	0.52 7.9	0.45 5.9	0.32 5.1
(162)	1988	6/17 1:0	0.73 90	0.48 5.5	0.42 6.5	0.37 5.9	0.28 5.4
(163)	1988	6/17 3:0	0.18 59	0.20 4.0	0.18 8.3	0.15 7.2	0.10 6.3
(164)	1988	6/17 5:0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(165)	1988	6/17 7:0	0.12 69	0.11 2.5	0.16 5.1	0.15 6.7	0.11 7.0
(166)	1988	6/17 9:0	0.95 85	0.62 6.5	0.47 5.9	0.42 6.0	0.31 5.8
(167)	1988	6/17 11:0	1.41 77	* 0.77 5.5	0.64 7.6	0.54 7.3	0.37 6.3
(168)	1988	6/17 13:0	1.14 88	0.72 4.5	0.64 5.1	* 0.57 5.4	0.40 5.5
(169)	1988	6/17 15:0	0.27 76	0.29 12.0	0.23 5.4	0.20 6.8	0.14 6.2
(170)	1988	6/17 17:0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(171)	1988	6/17 19:0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(172)	1988	6/17 21:0	0.04 37	0.16 10.5	0.17 16.8	0.13 9.8	0.10 8.4
(173)	1988	6/17 23:0	0.71 92	0.54 5.0	0.44 6.6	0.38 6.0	0.28 5.4
(174)	1988	6/18 1:0	0.82 93	0.54 5.5	0.49 8.1	0.42 6.7	0.32 5.3
(175)	1988	6/18 3:0	0.37 90	0.34 6.5	0.29 6.3	0.24 6.1	0.17 5.5
(176)	1988	6/18 5:0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(177)	1988	6/18 7:0	0.02 34	0.08 6.5	0.10 13.5	0.07 9.8	0.06 11.3
(178)	1988	6/18 9:0	0.71 90	0.54 6.0	0.44 5.6	0.38 5.6	0.29 5.4
(179)	1988	6/18 11:0	1.29 75	0.66 6.5	0.56 6.1	0.47 7.6	0.34 6.6
(180)	1988	6/18 13:0	1.26 79	* 0.73 6.0	0.65 10.1	* 0.56 8.3	0.39 6.1
(181)	1988	6/18 15:0	0.55 93	0.45 19.5	0.37 9.3	0.32 6.7	0.24 5.3
(182)	1988	6/18 17:0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(183)	1988	6/18 19:0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(184)	1988	6/18 21:0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(185)	1988	6/18 23:0	0.57 98	0.42 5.0	0.39 5.4	0.33 5.5	0.24 5.0
(186)	1988	6/19 1:0	0.82 95	0.64 4.5	0.53 6.5	0.46 5.8	0.33 5.2
(187)	1988	6/19 3:0	0.49 97	0.42 5.5	0.34 5.5	0.28 5.5	0.20 5.1
(188)	1988	6/19 5:0	0.02 35	0.10 9.5	0.09 12.1	0.08 10.8	0.05 9.5
(189)	1988	6/19 7:0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(190)	1988	6/19 9:0	0.41 88	0.37 8.0	0.31 8.1	0.26 6.7	0.19 5.6
(191)	1988	6/19 11:0	1.06 90	* 0.72 5.5	0.59 6.6	0.50 6.2	0.35 5.4
(192)	1988	6/19 13:0	1.20 94	0.71 7.0	0.69 6.3	* 0.60 6.5	0.42 5.3
(193)	1988	6/19 15:0	0.73 92	0.54 5.5	0.49 8.4	0.43 6.3	0.30 5.3
(194)	1988	6/19 17:0	0.02 29	0.13 8.5	0.08 5.5	0.09 13.1	0.06 11.2
(195)	1988	6/19 19:0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(196)	1988	6/19 21:0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(197)	1988	6/19 23:0	0.45 100	0.42 5.5	0.32 6.2	0.26 4.9	0.19 4.8
(198)	1988	6/20 1:0	0.82 77	0.66 4.5	0.54 11.1	0.46 8.5	0.33 6.4
(199)	1988	6/20 3:0	0.59 76	0.49 4.0	0.44 14.5	0.38 8.7	0.28 5.4
(200)	1988	6/20 5:0	0.29 31	0.28 5.0	0.28 11.5	0.22 9.4	0.15 7.1
(201)	1988	6/20 7:0	0.12 14	0.16 25.0	0.16 25.0	0.13 2.5	0.05 5.0
(202)	1988	6/20 9:0	0.29 40	0.29 4.0	0.27 11.4	0.23 10.5	0.14 7.4
(203)	1988	6/20 11:0	0.84 98	0.74 21.5	0.64 12.9	0.52 5.4	0.37 5.9
(204)	1988	6/20 13:0	1.12 82	* 0.80 13.0	0.70 5.7	* 0.58 7.1	0.42 6.0
(205)	1988	6/20 15:0	0.80 73	0.64 7.5	0.54 9.5	0.47 5.4	0.30 5.7
(206)	1988	6/20 17:0	0.27 37	0.45 20.5	0.28 10.0	0.25 6.0	0.20 6.5
(207)	1988	6/20 19:0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(208)	1988	6/20 21:0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(209)	1988	6/20 23:0	0.32 64	0.34 15.5	0.27 11.5	0.22 8.7	0.16 5.9
(210)	1988	6/21 1:0	0.78 92	0.62 6.5	0.52 6.0	0.45 6.2	0.33 5.1
(211)	1988	6/21 3:0	0.80 88	0.59 8.0	0.52 7.7	0.44 6.5	0.33 5.2
(212)	1988	6/21 5:0	0.47 88	0.44 5.5	0.36 9.8	0.29 7.7	0.20 5.0
(213)	1988	6/21 7:0	0.20 62	0.29 21.5	0.20 13.5	0.15 6.5	0.10 5.0
(214)	1988	6/21 9:0	0.20 81	0.28 7.5	0.24 9.1	0.18 6.9	0.12 5.5
(215)	1988	6/21 11:0	0.63 90	0.45 19.0	0.40 8.6	0.34 6.6	0.26 5.4
(216)	1988	6/21 13:0	0.90 87	* 0.70 4.5	0.56 7.6	* 0.50 6.2	0.36 5.7
(217)	1988	6/21 15:0	0.82 94	0.61 8.0	0.52 6.6	0.44 6.1	0.32 5.2
(218)	1988	6/21 17:0	0.39 72	0.39 18.0	0.34 10.6	0.27 8.3	0.19 6.3
(219)	1988	6/21 19:0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(220)	1988	6/21 21:0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
(221)	1988	6/21 23:0	0.18 73	0.26 21.0	0.20 16.5	0.16 9.3	0.11 5.3



	DATE	TIME	DEPTH (M)	MAX	1/10	1/3	MEAN
(222)	1988	6/22	1: 0	0.67 100	0.51 5.5	0.44 5.7	0.27 4.8
(223)	1988	6/22	3: 0	0.82 85	* 0.58 4.5	0.50 6.2	* 0.45 6.4
(224)	1988	6/22	5: 0	0.57 95	0.48 7.0	0.38 10.2	0.32 6.0
(225)	1988	6/22	7: 0	0.24 62	0.26 16.0	0.23 11.3	0.19 8.3
(226)	1988	6/22	9: 0	0.14 68	0.23 21.5	0.16 9.6	0.12 5.9
(227)	1988	6/22	11: 0	0.31 82	0.29 14.5	0.25 8.6	0.21 7.1
(228)	1988	6/22	13: 0	0.65 96	0.56 6.5	0.48 7.8	0.40 6.1
(229)	1988	6/22	15: 0	0.71 95	0.46 5.0	0.44 5.2	0.40 5.6
(230)	1988	6/22	17: 0	0.45 89	0.44 8.0	0.36 4.4	0.31 5.4
(231)	1988	6/22	19: 0	0.10 41	0.23 23.0	0.17 9.4	0.14 9.5
(232)	1988	6/22	21: 0	0.00 0	0.00 0.0	0.00 0.0	0.00 0.0
(233)	1988	6/22	23: 0	0.10 44	0.23 20.0	0.19 8.3	0.16 10.8
(234)	1988	6/23	1: 0	0.53 95	0.50 7.5	0.37 6.8	0.31 5.5
(235)	1988	6/23	3: 0	0.80 85	* 0.56 7.5	0.53 6.5	* 0.45 6.4
(236)	1988	6/23	5: 0	0.71 87	0.55 4.0	0.48 6.3	0.41 6.4
(237)	1988	6/23	7: 0	0.37 84	0.29 9.0	0.27 9.8	0.23 6.2
(238)	1988	6/23	9: 0	0.20 39	0.29 24.5	0.27 19.5	0.22 12.7

COMMENT =NUSA DUA ON SHORE

Table Frequency of Wave Height and Period (Sanur on shore) 1988 5/19 16: 0 >> 1988 6/ 3 10: 0

H(m)/T(s)	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	22.0	TOTAL	(%)
0.0	149	382	575	580	518	419	265	277	251	292	287	253	193	122	94	57	44	27	14	18	43	4860	52.0
0.2	78	185	298	330	341	334	305	271	256	270	258	223	189	129	100	53	31	23	17	12	17	3730	39.9
0.4	10	24	47	62	54	43	53	41	46	52	52	34	43	32	21	14	8	2	5	1	1	645	6.9
0.6	2	2	13	11	5	6	5	6	6	11	8	8	3	1	0	2	1	0	0	0	0	91	1.0
0.8	0	0	0	1	1	4	2	1	0	4	1	0	0	1	0	0	2	0	0	0	0	17	0.2
1.0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.0
1.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
1.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
1.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
2.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
2.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
2.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
2.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
2.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
3.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
3.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
3.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
3.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
3.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
4.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
4.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
4.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
4.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
4.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
5.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
5.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
5.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
5.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
6.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
6.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
6.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
6.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
7.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
7.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
7.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
7.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
8.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
8.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
8.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
8.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
9.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
9.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
9.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
9.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
9.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
TOTAL	239	595	933	984	919	806	630	596	559	629	616	513	423	285	215	126	96	52	36	31	61	9344	100.0

(%) 2.6 5.4 10.0 10.5 9.8 8.6 6.7 6.4 6.0 6.7 5.5 4.5 3.1 2.3 1.3 0.9 0.6 0.4 0.3 0.7 100.0

Table Wave Calculated Result (Sanur on shore)

	DATE	TIME	DEPTH (N)	MAX	1/10	1/3	MEAN
( 1 )	1988	5/19 16: 0	0.76 27	0.13 8.0	0.13 10.5	0.12 13.1	0.10 11.2
( 2 )	1988	5/19 18: 0	0.17 2	0.00 0.0	0.00 0.0	0.00 0.0	0.00 0.0
( 3 )	1988	5/19 20: 0	0.43 21	0.15 13.0	0.15 13.0	0.15 13.7	0.12 14.0
( 4 )	1988	5/19 22: 0	1.17 42	* 0.23 15.5	0.22 15.4	* 0.18 13.0	0.14 10.8
( 5 )	1988	5/20 0: 0	1.70 50	0.34 12.5	0.25 13.4	0.20 12.1	0.14 9.2
( 6 )	1988	5/20 2: 0	1.53 46	0.23 15.5	0.21 14.1	0.18 14.0	0.12 9.7
( 7 )	1988	5/20 4: 0	1.13 33	0.18 16.5	0.16 17.8	0.15 14.9	0.11 13.2
( 8 )	1988	5/20 6: 0	0.85 37	0.15 24.0	0.13 15.0	0.11 14.4	0.08 12.6
( 9 )	1988	5/20 8: 0	1.27 33	0.20 14.5	0.20 15.5	0.16 15.3	0.12 14.4
(10)	1988	5/20 10: 0	1.98 48	0.34 13.0	0.25 14.9	0.20 14.1	0.14 10.3
(11)	1988	5/20 12: 0	2.38 54	* 0.60 13.5	0.51 14.5	* 0.40 13.1	0.28 9.1
(12)	1988	5/20 14: 0	2.08 54	0.31 13.5	0.28 13.3	0.25 11.7	0.17 9.1
(13)	1988	5/20 16: 0	1.23 23	0.13 12.0	0.13 15.5	0.11 14.7	0.08 11.3
(14)	1988	5/20 18: 0	0.49 22	0.10 16.0	0.10 16.0	0.10 15.2	0.07 15.4
(15)	1988	5/20 20: 0	0.49 48	0.20 15.0	0.17 15.9	0.14 15.0	0.10 10.3
(16)	1988	5/20 22: 0	1.06 30	0.18 15.5	0.17 16.2	0.15 14.9	0.10 11.3
(17)	1988	5/21 0: 0	1.64 45	0.23 14.5	0.21 12.6	0.19 13.5	0.14 10.0
(18)	1988	5/21 2: 0	1.66 42	0.28 14.0	0.22 14.8	0.16 15.1	0.11 11.0
(19)	1988	5/21 4: 0	1.34 24	0.15 14.5	0.14 15.0	0.12 14.6	0.10 13.0
(20)	1988	5/21 6: 0	1.04 35	0.15 13.5	0.13 13.1	0.11 14.5	0.08 12.8
(21)	1988	5/21 8: 0	1.21 19	0.13 15.5	0.13 14.8	0.11 15.0	0.09 15.1
(22)	1988	5/21 10: 0	1.80 41	0.26 13.5	0.25 13.1	0.20 12.6	0.14 11.7
(23)	1988	5/21 12: 0	2.23 53	* 0.47 12.0	0.41 12.2	* 0.30 12.3	0.20 9.3
(24)	1988	5/21 14: 0	2.10 49	0.39 15.5	0.35 13.6	0.29 12.9	0.21 9.9
(25)	1988	5/21 16: 0	1.53 31	0.21 14.0	0.19 13.0	0.16 13.4	0.11 10.6
(26)	1988	5/21 18: 0	0.85 27	0.13 13.0	0.13 13.5	0.11 13.7	0.09 13.5
(27)	1988	5/21 20: 0	0.64 32	0.10 13.5	0.10 13.8	0.10 14.4	0.07 14.0
(28)	1988	5/21 22: 0	1.02 28	0.13 12.0	0.13 12.3	0.12 13.4	0.09 12.5
(29)	1988	5/22 0: 0	1.51 34	0.13 15.5	0.13 12.0	0.11 13.4	0.08 10.6
(30)	1988	5/22 2: 0	1.66 51	0.18 12.5	0.17 12.6	0.15 12.4	0.11 9.6
(31)	1988	5/22 4: 0	1.49 42	0.18 12.0	0.15 14.3	0.12 14.4	0.09 11.5
(32)	1988	5/22 6: 0	1.21 25	0.13 12.5	0.12 16.7	0.10 15.9	0.07 13.8
(33)	1988	5/22 8: 0	1.19 26	0.18 12.5	0.15 11.8	0.12 12.9	0.09 14.0
(34)	1988	5/22 10: 0	1.64 34	0.21 11.0	0.21 13.3	0.18 14.0	0.14 11.7
(35)	1988	5/22 12: 0	2.04 50	0.33 17.0	0.29 13.5	0.25 11.9	0.18 9.4
(36)	1988	5/22 14: 0	2.08 56	* 0.33 15.5	0.32 12.8	* 0.27 11.2	0.19 8.1
(37)	1988	5/22 16: 0	1.72 48	0.28 15.5	0.22 13.6	0.17 12.3	0.12 10.0
(38)	1988	5/22 18: 0	1.17 30	0.18 13.0	0.16 13.2	0.14 13.3	0.11 12.4
(39)	1988	5/22 20: 0	0.85 37	0.13 13.5	0.13 13.3	0.11 13.0	0.09 13.2
(40)	1988	5/22 22: 0	1.00 39	0.26 14.0	0.24 13.6	0.21 12.8	0.14 12.0
(41)	1988	5/23 0: 0	1.44 31	0.36 12.5	0.31 12.5	0.24 13.0	0.15 11.5
(42)	1988	5/23 2: 0	1.66 49	0.36 12.5	0.30 12.5	0.23 12.4	0.15 9.9
(43)	1988	5/23 4: 0	1.64 45	0.26 13.5	0.23 12.8	0.19 13.6	0.14 10.9
(44)	1988	5/23 6: 0	1.47 37	0.23 12.0	0.20 13.8	0.18 13.3	0.13 12.4
(45)	1988	5/23 8: 0	1.36 38	0.26 14.0	0.22 13.8	0.18 13.9	0.13 12.0
(46)	1988	5/23 10: 0	1.53 43	0.36 13.0	0.27 13.4	0.22 12.4	0.14 10.5
(47)	1988	5/23 12: 0	1.85 49	0.72 13.5	0.54 13.6	* 0.44 12.5	0.30 9.9
(48)	1988	5/23 14: 0	1.98 52	* 0.78 13.0	0.51 11.7	0.40 12.0	0.28 8.9
(49)	1988	5/23 16: 0	1.80 45	0.36 12.0	0.32 12.5	0.25 12.5	0.17 10.7
(50)	1988	5/23 18: 0	1.44 48	0.23 12.0	0.21 13.4	0.17 12.8	0.12 10.2
(51)	1988	5/23 20: 0	1.12 36	0.15 13.5	0.15 12.8	0.14 12.5	0.11 12.4
(52)	1988	5/23 22: 0	1.08 46	0.26 11.5	0.21 11.5	0.18 11.7	0.11 10.4
(53)	1988	5/24 0: 0	1.32 47	0.31 12.0	0.24 11.5	0.19 12.3	0.14 10.4
(54)	1988	5/24 2: 0	1.59 47	0.46 12.0	0.45 11.0	0.37 10.7	0.25 9.0
(55)	1988	5/24 4: 0	1.72 58	0.47 11.0	0.40 10.8	0.33 11.8	0.22 8.6
(56)	1988	5/24 6: 0	1.55 54	0.68 4.0	0.48 9.9	0.39 11.1	0.24 9.1
(57)	1988	5/24 8: 0	1.57 47	0.52 11.5	0.45 11.9	0.36 12.4	0.25 10.4
(58)	1988	5/24 10: 0	1.55 52	0.62 14.0	0.46 12.3	0.39 10.9	0.29 9.4
(59)	1988	5/24 12: 0	1.68 53	0.54 15.0	0.49 12.0	0.40 11.0	0.29 9.2
(60)	1988	5/24 14: 0	1.87 54	* 0.70 11.5	0.63 11.9	* 0.53 11.1	0.37 9.1
(61)	1988	5/24 16: 0	1.85 57	0.54 14.5	0.49 13.4	0.36 11.7	0.23 8.4
(62)	1988	5/24 18: 0	1.70 54	0.47 11.5	0.42 11.5	0.36 11.8	0.23 8.6
(63)	1988	5/24 20: 0	1.40 52	0.51 12.0	0.33 10.3	0.24 11.6	0.16 8.8
(64)	1988	5/24 22: 0	1.21 48	0.38 15.5	0.37 12.5	0.29 12.7	0.20 10.3

	DATE	TIME	DEPTH (N)	MAX	1/10	1/3	MEAN
( 65)	1988	5/25	0: 0	1.29 49	0.44 13.0	0.39 12.9	0.21 10.0
( 66)	1988	5/25	2: 0	1.57 43	0.49 15.0	0.41 13.8	0.22 10.6
( 67)	1988	5/25	4: 0	1.80 60	0.39 14.0	0.38 12.1	0.22 8.1
( 68)	1988	5/25	6: 0	1.87 47	0.52 13.0	0.47 13.3	0.27 9.8
( 69)	1988	5/25	8: 0	1.76 59	0.49 16.5	0.44 14.2	0.25 8.3
( 70)	1988	5/25	10: 0	1.57 52	0.44 14.0	0.40 11.1	0.23 9.3
( 71)	1988	5/25	12: 0	1.51 58	0.37 9.5	0.35 10.2	0.20 8.5
( 72)	1988	5/25	14: 0	1.64 60	0.47 12.0	0.40 14.2	0.23 8.2
( 73)	1988	5/25	16: 0	1.78 66	* 0.52 12.5	0.42 9.9	0.24 7.5
( 74)	1988	5/25	18: 0	1.76 54	0.42 9.0	0.40 13.2	0.23 9.2
( 75)	1988	5/25	20: 0	1.55 54	0.36 13.5	0.33 10.9	0.19 9.0
( 76)	1988	5/25	22: 0	1.30 50	0.41 10.5	0.35 11.5	0.19 9.8
( 77)	1988	5/26	0: 0	1.21 48	0.30 23.0	0.26 14.3	0.14 10.2
( 78)	1988	5/26	2: 0	1.42 50	0.50 7.5	0.41 10.7	0.21 9.7
( 79)	1988	5/26	4: 0	1.74 61	0.44 11.0	0.38 11.2	0.20 8.1
( 80)	1988	5/26	6: 0	1.97 62	0.51 15.5	0.46 13.0	0.25 7.9
( 81)	1988	5/26	8: 0	1.93 54	* 0.59 15.0	0.51 16.4	0.27 9.1
( 82)	1988	5/26	10: 0	1.63 47	0.44 14.0	0.41 16.7	0.23 10.1
( 83)	1988	5/26	12: 0	1.34 45	0.41 15.5	0.29 13.5	0.17 10.8
( 84)	1988	5/26	14: 0	1.30 48	0.31 14.0	0.26 11.7	0.15 9.5
( 85)	1988	5/26	16: 0	1.49 52	0.34 12.0	0.31 15.1	0.18 9.4
( 86)	1988	5/26	18: 0	1.68 66	0.39 14.5	0.32 10.1	0.18 7.5
( 87)	1988	5/26	20: 0	1.68 65	0.36 15.0	0.29 12.3	0.18 7.6
( 88)	1988	5/26	22: 0	1.40 56	0.34 11.5	0.24 9.8	0.15 8.8
( 89)	1988	5/27	0: 0	1.19 49	0.23 12.0	0.23 10.4	0.13 9.5
( 90)	1988	5/27	2: 0	1.25 49	0.31 13.0	0.26 9.3	0.15 10.1
( 91)	1988	5/27	4: 0	1.63 75	0.36 13.5	0.32 10.1	0.20 6.6
( 92)	1988	5/27	6: 0	1.98 68	0.44 12.5	0.39 10.5	0.23 7.2
( 93)	1988	5/27	8: 0	2.04 70	* 0.55 11.0	0.46 8.1	0.25 7.0
( 94)	1988	5/27	10: 0	1.74 60	0.41 14.0	0.35 12.5	0.19 7.5
( 95)	1988	5/27	12: 0	1.30 55	0.31 14.5	0.26 14.0	0.14 8.6
( 96)	1988	5/27	14: 0	1.10 60	0.24 7.5	0.19 9.9	0.13 8.2
( 97)	1988	5/27	16: 0	1.29 58	0.33 14.0	0.26 13.3	0.16 8.5
( 98)	1988	5/27	18: 0	1.61 68	0.36 12.5	0.29 9.3	0.18 7.2
( 99)	1988	5/27	20: 0	1.76 69	0.37 10.5	0.32 10.8	0.19 7.1
(100)	1988	5/27	22: 0	1.57 65	0.31 17.5	0.26 13.3	0.17 7.5
(101)	1988	5/28	0: 0	1.25 65	0.31 12.5	0.25 10.6	0.16 7.6
(102)	1988	5/28	2: 0	1.15 60	0.29 6.5	0.26 8.2	0.15 7.9
(103)	1988	5/28	4: 0	1.53 56	0.42 8.0	0.36 7.2	0.21 8.7
(104)	1988	5/28	6: 0	2.02 67	0.42 12.5	0.39 11.1	0.23 7.2
(105)	1988	5/28	8: 0	2.21 69	0.49 12.5	0.44 11.1	0.24 7.1
(106)	1988	5/28	10: 0	1.93 62	0.47 11.5	0.37 12.1	0.22 8.0
(107)	1988	5/28	12: 0	1.32 62	0.29 8.5	0.27 6.7	0.18 8.0
(108)	1988	5/28	14: 0	0.89 68	0.46 4.5	0.35 7.6	0.17 7.2
(109)	1988	5/28	16: 0	0.98 63	0.46 4.5	0.35 7.0	0.18 7.7
(110)	1988	5/28	18: 0	1.44 64	0.52 10.5	0.42 8.7	0.23 7.6
(111)	1988	5/28	20: 0	1.78 70	* 0.56 7.5	0.47 9.2	0.27 7.1
(112)	1988	5/28	22: 0	1.72 70	0.39 11.0	0.36 10.1	0.21 7.1
(113)	1988	5/29	0: 0	1.36 67	0.36 12.0	0.33 9.2	0.20 7.3
(114)	1988	5/29	2: 0	1.12 67	0.48 4.0	0.31 6.6	0.17 7.3
(115)	1988	5/29	4: 0	1.38 59	0.48 7.5	0.37 7.9	0.21 8.3
(116)	1988	5/29	6: 0	1.98 64	0.49 13.0	0.48 9.4	0.27 7.7
(117)	1988	5/29	8: 0	2.34 68	* 0.76 12.0	0.59 10.5	0.34 7.1
(118)	1988	5/29	10: 0	2.15 69	0.57 8.0	0.45 10.7	0.27 7.0
(119)	1988	5/29	12: 0	1.47 47	0.50 9.0	0.41 11.9	0.25 10.4
(120)	1988	5/29	14: 0	0.79 45	0.23 16.0	0.22 16.3	0.14 10.8
(121)	1988	5/29	16: 0	0.72 69	0.36 9.0	0.30 6.4	0.18 7.0
(122)	1988	5/29	18: 0	1.21 61	0.44 5.0	0.34 7.7	0.21 8.1
(123)	1988	5/29	20: 0	1.70 70	0.57 10.5	0.51 10.2	0.28 7.0
(124)	1988	5/29	22: 0	1.83 61	0.56 16.5	0.46 13.4	0.29 8.1
(125)	1988	5/30	0: 0	1.49 62	0.48 18.5	0.44 13.8	0.25 7.8
(126)	1988	5/30	2: 0	1.13 57	0.36 14.5	0.34 12.8	0.20 8.5
(127)	1988	5/30	4: 0	1.25 52	0.37 7.5	0.35 11.0	0.20 9.3
(128)	1988	5/30	6: 0	1.87 59	0.54 15.5	0.45 13.0	0.28 8.5
(129)	1988	5/30	8: 0	2.44 66	0.80 7.5	0.70 9.6	* 0.56 8.4

	DATE	TIME	DEPTH	(N)	MAX	1/10	1/3	MEAN
(130)	1988	5/30	10: 0	2.40	61	* 0.92 11.5	0.66 11.8	0.36 7.8
(131)	1988	5/30	12: 0	1.72	57	0.56 8.0	0.45 11.5	0.24 8.2
(132)	1988	5/30	14: 0	0.87	56	0.40 4.5	0.29 9.6	0.16 8.5
(133)	1988	5/30	16: 0	0.55	67	0.25 16.0	0.25 9.5	0.14 7.2
(134)	1988	5/30	18: 0	0.96	57	0.41 15.5	0.36 10.1	0.21 8.6
(135)	1988	5/30	20: 0	1.61	52	0.56 19.5	0.48 14.9	0.27 9.3
(136)	1988	5/30	22: 0	1.91	58	0.57 14.5	0.45 14.4	0.28 8.3
(137)	1988	5/31	0: 0	1.68	59	0.51 17.5	0.48 13.8	0.26 8.1
(138)	1988	5/31	2: 0	1.19	60	0.64 15.5	0.47 11.8	0.25 8.2
(139)	1988	5/31	4: 0	1.12	56	0.41 13.5	0.38 12.5	0.20 8.7
(140)	1988	5/31	6: 0	1.68	64	0.58 8.0	0.44 12.6	0.26 7.6
(141)	1988	5/31	8: 0	2.40	63	* 0.93 9.5	0.86 14.3	* 0.69 10.3
(142)	1988	5/31	10: 0	2.55	75	0.90 8.5	0.75 8.6	0.63 8.8
(143)	1988	5/31	12: 0	1.95	49	0.72 18.0	0.65 13.9	0.54 15.0
(144)	1988	5/31	14: 0	0.96	61	0.44 10.5	0.37 13.3	0.31 10.9
(145)	1988	5/31	16: 0	0.36	55	0.25 8.5	0.24 12.1	0.19 10.4
(146)	1988	5/31	18: 0	0.62	42	0.33 16.0	0.29 16.0	0.25 14.8
(147)	1988	5/31	20: 0	1.38	56	0.43 18.5	0.41 12.1	0.36 9.8
(148)	1988	5/31	22: 0	1.85	65	0.64 6.0	0.54 8.9	0.44 9.3
(149)	1988	6/ 1	0: 0	1.78	71	0.52 7.0	0.46 12.1	0.36 9.2
(150)	1988	6/ 1	2: 0	1.30	61	0.46 14.0	0.44 13.5	0.35 11.1
(151)	1988	6/ 1	4: 0	1.02	60	0.48 15.5	0.38 8.1	0.31 8.0
(152)	1988	6/ 1	6: 0	1.47	57	0.36 13.5	0.33 9.5	0.28 9.9
(153)	1988	6/ 1	8: 0	2.25	71	0.82 7.5	0.64 10.6	0.52 10.1
(154)	1988	6/ 1	10: 0	2.63	68	* 0.95 11.5	0.80 9.9	* 0.64 9.8
(155)	1988	6/ 1	12: 0	2.19	71	0.62 8.0	0.52 8.8	0.43 9.5
(156)	1988	6/ 1	14: 0	1.21	56	0.36 9.5	0.34 9.7	0.28 10.7
(157)	1988	6/ 1	16: 0	0.38	53	0.25 16.5	0.20 15.4	0.15 11.1
(158)	1988	6/ 1	18: 0	0.38	38	0.18 9.5	0.17 11.8	0.16 12.0
(159)	1988	6/ 1	20: 0	1.10	55	0.33 14.5	0.28 11.4	0.25 10.6
(160)	1988	6/ 1	22: 0	1.68	60	0.44 13.5	0.38 12.4	0.30 11.8
(161)	1988	6/ 2	0: 0	1.83	58	0.50 5.0	0.39 13.0	0.33 10.9
(162)	1988	6/ 2	2: 0	1.44	53	0.35 7.0	0.30 12.2	0.27 11.0
(163)	1988	6/ 2	4: 0	1.00	53	0.26 8.0	0.24 12.3	0.20 11.5
(164)	1988	6/ 2	6: 0	1.25	47	0.33 15.0	0.28 12.3	0.25 11.8
(165)	1988	6/ 2	8: 0	2.04	59	0.67 13.5	0.50 10.5	0.42 11.2
(166)	1988	6/ 2	10: 0	2.65	66	* 0.90 8.5	0.75 10.3	* 0.64 9.1
(167)	1988	6/ 2	12: 0	2.50	66	0.59 9.5	0.49 12.2	0.42 10.3
(168)	1988	6/ 2	14: 0	1.61	60	0.31 10.5	0.28 12.1	0.24 11.3
(169)	1988	6/ 2	16: 0	0.66	48	0.23 8.5	0.19 12.2	0.15 11.6
(170)	1988	6/ 2	18: 0	0.34	26	0.18 13.0	0.15 12.8	0.13 14.2
(171)	1988	6/ 2	20: 0	0.91	51	0.27 4.5	0.25 9.0	0.23 10.4
(172)	1988	6/ 2	22: 0	1.63	64	0.34 11.0	0.29 11.2	0.23 10.2
(173)	1988	6/ 3	0: 0	1.91	60	0.49 12.5	0.41 12.3	0.31 9.8
(174)	1988	6/ 3	2: 0	1.68	71	0.44 14.0	0.37 9.9	0.30 9.3
(175)	1988	6/ 3	4: 0	1.17	67	0.38 14.0	0.31 12.7	0.26 10.2
(176)	1988	6/ 3	6: 0	1.13	63	0.43 14.0	0.37 11.0	0.29 10.1
(177)	1988	6/ 3	8: 0	1.83	45	0.57 12.5	0.49 13.2	0.38 12.3
(178)	1988	6/ 3	10: 0	2.57	72	* 0.76 11.5	0.65 8.6	* 0.53 9.0

COMMENT Sanur Inreef

Table Frequency of Wave Height and Period (Sanur on shore)

1988 6/ 3 11: 0 >> 1988 6/23 13: 0

H(m)/T(s)	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	22.0	TOTAL	(%)
0.0	318	524	856	939	942	759	562	391	328	280	245	221	174	119	75	40	27	20	29	15	25	6991	48.8
0.2	117	327	585	510	581	657	524	415	411	387	392	277	227	181	108	68	41	31	25	19	17	5840	40.7
0.4	18	78	123	110	114	91	96	75	82	101	70	67	54	41	24	16	13	7	5	3	2	1190	8.3
0.6	3	22	27	17	24	21	22	12	20	18	23	14	9	11	9	3	2	0	0	0	0	257	1.8
0.8	1	5	5	5	6	3	0	5	1	2	4	4	4	1	3	1	1	0	0	0	0	45	0.3
1.0	0	1	1	1	2	1	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	7	0.0
1.2	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0.0
1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
1.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
1.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
2.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
2.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
2.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
2.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
2.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
3.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
3.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
3.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
3.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
3.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
4.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
4.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
4.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
4.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
4.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
5.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
5.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
5.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
5.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
6.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
6.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
6.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
6.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
7.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
7.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
7.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
7.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
8.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
8.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
8.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
8.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
9.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
9.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
9.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
9.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
9.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0

TOTAL 457 1059 1597 1584 1662 1531 1204 898 842 788 675 563 469 353 219 128 83 58 59 38 45 14332 100.0  
 (%) 3.2 7.4 11.1 11.1 11.5 10.7 8.4 6.3 5.9 5.5 4.7 4.1 3.3 2.5 1.5 0.9 0.6 0.4 0.4 0.3 0.3 0.3 100.0

Table Wave Calculated Result (Sanur on shore)

	DATE	TIME	DEPTH (N)	MAX	1/10	1/3	MEAN
( 1 )	1988	6/ 3 11: 0	2.38 76	* 1.10 6.5	0.85 7.6	* 0.67 7.4	0.47 6.4
( 2 )	1988	6/ 3 13: 0	1.72 72	0.48 4.5	0.38 11.6	0.29 8.3	0.21 6.7
( 3 )	1988	6/ 3 15: 0	0.72 66	0.36 5.5	0.26 8.7	0.22 8.8	0.15 7.2
( 4 )	1988	6/ 3 17: 0	0.15 49	0.15 14.0	0.15 12.4	0.13 12.6	0.09 9.9
( 5 )	1988	6/ 3 19: 0	0.45 46	0.32 2.5	0.26 9.3	0.22 9.6	0.16 9.7
( 6 )	1988	6/ 3 21: 0	1.23 61	0.31 11.5	0.30 10.9	0.25 10.9	0.19 8.1
( 7 )	1988	6/ 3 23: 0	1.63 67	0.50 6.0	0.41 11.0	0.35 10.3	0.25 7.2
( 8 )	1988	6/ 4 1: 0	1.57 71	0.41 12.0	0.38 10.1	0.31 9.1	0.22 6.8
( 9 )	1988	6/ 4 3: 0	1.08 63	0.26 8.0	0.25 10.0	0.20 9.6	0.15 7.8
( 10 )	1988	6/ 4 5: 0	0.85 61	0.28 11.0	0.25 9.1	0.21 9.9	0.15 7.9
( 11 )	1988	6/ 4 7: 0	1.30 63	0.51 12.0	0.45 12.3	0.36 10.0	0.24 7.8
( 12 )	1988	6/ 4 9: 0	2.10 64	0.70 13.5	0.62 8.4	0.52 9.3	0.38 7.6
( 13 )	1988	6/ 4 11: 0	2.46 64	* 0.85 9.5	0.72 10.2	* 0.61 10.4	0.44 7.7
( 14 )	1988	6/ 4 13: 0	2.08 73	0.60 13.0	0.51 9.4	0.42 8.6	0.31 6.6
( 15 )	1988	6/ 4 15: 0	1.17 63	0.36 11.5	0.32 11.3	0.28 10.4	0.20 7.7
( 16 )	1988	6/ 4 17: 0	0.40 54	0.25 16.0	0.22 11.0	0.18 11.1	0.13 9.2
( 17 )	1988	6/ 4 19: 0	0.42 49	0.18 12.5	0.17 11.4	0.15 11.0	0.12 9.8
( 18 )	1988	6/ 4 21: 0	1.08 53	0.31 7.0	0.31 9.9	0.27 10.6	0.19 9.0
( 19 )	1988	6/ 4 23: 0	1.57 72	0.54 19.5	0.45 10.6	0.38 9.1	0.25 6.8
( 20 )	1988	6/ 5 1: 0	1.64 62	0.49 15.0	0.45 11.1	0.37 10.0	0.25 7.9
( 21 )	1988	6/ 5 3: 0	1.29 52	0.36 11.5	0.34 11.9	0.31 11.3	0.22 9.4
( 22 )	1988	6/ 5 5: 0	0.91 55	0.46 14.0	0.40 9.1	0.33 9.5	0.23 8.9
( 23 )	1988	6/ 5 7: 0	1.12 59	0.41 9.5	0.38 9.2	0.31 9.3	0.21 8.4
( 24 )	1988	6/ 5 9: 0	1.81 66	0.78 6.0	0.58 12.4	0.48 10.1	0.34 7.4
( 25 )	1988	6/ 5 11: 0	2.33 73	0.88 9.5	0.79 10.6	* 0.67 8.9	0.46 6.8
( 26 )	1988	6/ 5 13: 0	2.19 71	* 1.12 5.0	0.74 9.6	* 0.59 8.6	0.42 7.0
( 27 )	1988	6/ 5 15: 0	1.49 55	0.60 11.0	0.40 11.4	0.33 10.1	0.23 8.4
( 28 )	1988	6/ 5 17: 0	0.68 44	0.23 12.0	0.21 13.1	0.18 11.0	0.13 9.1
( 29 )	1988	6/ 5 19: 0	0.42 52	0.25 14.0	0.23 10.7	0.19 9.7	0.13 9.5
( 30 )	1988	6/ 5 21: 0	0.83 57	0.25 13.0	0.24 11.3	0.21 9.9	0.15 8.6
( 31 )	1988	6/ 5 23: 0	1.44 58	0.54 12.0	0.45 12.2	0.34 10.3	0.24 8.5
( 32 )	1988	6/ 6 1: 0	1.64 73	0.51 7.5	0.41 9.9	0.33 8.7	0.23 6.7
( 33 )	1988	6/ 6 3: 0	1.49 64	0.35 6.5	0.30 9.6	0.24 9.0	0.17 7.7
( 34 )	1988	6/ 6 5: 0	1.04 61	0.18 12.5	0.18 11.8	0.17 9.4	0.12 8.1
( 35 )	1988	6/ 6 7: 0	0.98 62	0.36 7.5	0.31 8.8	0.26 9.4	0.17 7.9
( 36 )	1988	6/ 6 9: 0	1.44 61	0.59 12.0	0.42 10.9	0.33 10.2	0.24 8.1
( 37 )	1988	6/ 6 11: 0	1.97 65	0.59 8.5	0.51 9.3	0.45 10.1	0.31 7.5
( 38 )	1988	6/ 6 13: 0	2.12 61	* 0.67 15.0	0.58 12.4	* 0.47 10.7	0.32 8.1
( 39 )	1988	6/ 6 15: 0	1.70 62	0.42 11.0	0.36 12.0	0.29 9.8	0.21 7.9
( 40 )	1988	6/ 6 17: 0	0.96 43	0.28 13.5	0.26 10.8	0.22 12.0	0.16 9.8
( 41 )	1988	6/ 6 19: 0	0.49 51	0.23 11.5	0.22 12.1	0.18 11.6	0.13 9.5
( 42 )	1988	6/ 6 21: 0	0.66 60	0.36 12.5	0.28 10.8	0.23 9.4	0.16 8.2
( 43 )	1988	6/ 6 23: 0	1.21 49	0.28 12.0	0.25 8.6	0.22 10.0	0.17 9.4
( 44 )	1988	6/ 7 1: 0	1.55 59	0.41 13.0	0.37 9.8	0.28 10.4	0.19 8.3
( 45 )	1988	6/ 7 3: 0	1.64 62	0.36 12.0	0.31 11.0	0.26 9.9	0.17 8.0
( 46 )	1988	6/ 7 5: 0	1.32 62	0.28 13.0	0.24 10.3	0.20 9.8	0.15 7.9
( 47 )	1988	6/ 7 7: 0	1.04 60	0.24 7.0	0.22 7.5	0.18 8.5	0.13 8.1
( 48 )	1988	6/ 7 9: 0	1.15 50	0.18 11.0	0.18 12.7	0.17 10.3	0.13 9.6
( 49 )	1988	6/ 7 11: 0	1.55 56	0.29 8.5	0.24 10.3	0.21 9.6	0.16 8.2
( 50 )	1988	6/ 7 13: 0	1.83 66	* 0.44 11.0	0.36 11.0	* 0.30 9.2	0.21 7.4
( 51 )	1988	6/ 7 15: 0	1.80 72	0.28 20.0	0.27 11.7	0.23 9.5	0.17 6.8
( 52 )	1988	6/ 7 17: 0	1.29 76	0.24 7.0	0.20 9.0	0.17 8.6	0.13 6.4
( 53 )	1988	6/ 7 19: 0	0.76 69	0.23 8.0	0.17 6.6	0.14 7.3	0.10 7.2
( 54 )	1988	6/ 7 21: 0	0.62 51	0.13 12.5	0.13 11.9	0.11 10.3	0.09 9.6
( 55 )	1988	6/ 7 23: 0	1.02 66	0.16 5.5	0.15 9.5	0.14 7.9	0.10 7.4
( 56 )	1988	6/ 8 1: 0	1.49 72	0.33 5.5	0.30 6.3	0.24 7.0	0.16 6.7
( 57 )	1988	6/ 8 3: 0	1.70 88	0.44 6.0	0.36 6.4	* 0.29 7.1	0.20 5.6
( 58 )	1988	6/ 8 5: 0	1.59 73	0.36 5.5	0.29 9.9	0.24 7.8	0.17 6.7
( 59 )	1988	6/ 8 7: 0	1.23 72	* 0.45 7.0	0.35 6.6	0.28 7.1	0.19 6.7
( 60 )	1988	6/ 8 9: 0	1.00 64	0.24 6.5	0.22 9.1	0.20 8.8	0.14 7.8
( 61 )	1988	6/ 8 11: 0	1.15 60	0.26 8.5	0.22 7.7	0.19 8.8	0.13 7.7
( 62 )	1988	6/ 8 13: 0	1.47 65	0.26 15.5	0.24 10.8	0.21 9.0	0.16 7.6
( 63 )	1988	6/ 8 15: 0	1.66 70	0.34 9.0	0.31 10.1	0.27 9.6	0.19 7.1
( 64 )	1988	6/ 8 17: 0	1.44 67	0.36 12.5	0.29 7.9	0.25 9.1	0.18 7.3
( 65 )	1988	6/ 8 19: 0	0.96 59	0.26 8.0	0.20 8.0	0.18 8.9	0.13 8.2
( 66 )	1988	6/ 8 21: 0	0.68 57	0.33 9.5	0.27 8.8	0.21 9.4	0.13 8.6
( 67 )	1988	6/ 8 23: 0	0.89 57	0.31 15.5	0.25 10.4	0.20 9.4	0.15 8.2

	DATE	TIME	DEPTH (N)	MAX	1/10	1/3	MEAN
( 68)	1988	6/ 9	1: 0	1.38 54	0.33 14.0	0.29 12.2	0.19 9.0
( 69)	1988	6/ 9	3: 0	1.72 62	* 0.45 5.5	0.34 9.8	* 0.29 10.3
( 70)	1988	6/ 9	5: 0	1.76 58	0.41 7.0	0.34 11.4	0.27 10.5
( 71)	1988	6/ 9	7: 0	1.49 64	0.31 11.5	0.27 9.5	0.22 9.6
( 72)	1988	6/ 9	9: 0	1.02 58	0.23 13.5	0.23 7.8	0.19 9.1
( 73)	1988	6/ 9	11: 0	0.85 58	0.23 7.5	0.22 8.3	0.19 9.3
( 74)	1988	6/ 9	13: 0	1.06 48	0.23 15.5	0.20 13.4	0.18 12.3
( 75)	1988	6/ 9	15: 0	1.34 50	0.28 13.5	0.26 13.7	0.22 12.6
( 76)	1988	6/ 9	17: 0	1.44 57	0.33 15.0	0.23 13.3	0.19 11.7
( 77)	1988	6/ 9	19: 0	1.19 69	0.26 11.0	0.22 10.6	0.20 9.7
( 78)	1988	6/ 9	21: 0	0.85 76	0.34 6.0	0.28 7.0	0.22 6.9
( 79)	1988	6/ 9	23: 0	0.81 69	0.31 10.0	0.26 6.8	0.22 7.9
( 80)	1988	6/10	1: 0	1.17 62	0.36 10.5	0.28 10.6	0.23 9.6
( 81)	1988	6/10	3: 0	1.66 66	0.56 8.0	0.44 8.9	0.37 8.8
( 82)	1988	6/10	5: 0	1.95 61	* 0.64 16.0	0.50 11.2	* 0.43 10.3
( 83)	1988	6/10	7: 0	1.78 73	0.50 9.0	0.42 10.4	0.37 8.3
( 84)	1988	6/10	9: 0	1.25 58	0.33 20.0	0.29 12.0	0.25 10.7
( 85)	1988	6/10	11: 0	0.78 55	0.38 15.5	0.28 14.1	0.24 11.4
( 86)	1988	6/10	13: 0	0.74 45	0.28 16.5	0.26 14.5	0.23 13.1
( 87)	1988	6/10	15: 0	1.04 47	0.36 21.5	0.29 16.2	0.22 13.3
( 88)	1988	6/10	17: 0	1.36 48	0.41 21.5	0.37 17.6	0.30 14.6
( 89)	1988	6/10	19: 0	1.38 57	0.43 16.5	0.33 14.8	0.27 11.1
( 90)	1988	6/10	21: 0	1.12 62	0.42 4.5	0.31 8.9	0.24 9.2
( 91)	1988	6/10	23: 0	0.87 49	0.38 10.0	0.35 14.9	0.27 12.9
( 92)	1988	6/11	1: 0	1.02 44	0.33 16.0	0.29 15.6	0.24 15.9
( 93)	1988	6/11	3: 0	1.57 48	0.59 17.5	0.46 15.5	0.35 16.0
( 94)	1988	6/11	5: 0	1.98 65	* 0.65 13.0	0.57 12.6	* 0.47 11.1
( 95)	1988	6/11	7: 0	2.02 60	0.56 8.0	0.49 9.3	0.40 9.5
( 96)	1988	6/11	9: 0	1.55 59	0.46 15.5	0.40 12.2	0.34 11.6
( 97)	1988	6/11	11: 0	0.85 51	0.30 18.5	0.26 12.8	0.22 11.1
( 98)	1988	6/11	13: 0	0.49 36	0.30 20.5	0.25 16.9	0.22 16.9
( 99)	1988	6/11	15: 0	0.70 47	0.41 18.0	0.35 13.8	0.30 12.2
(100)	1988	6/11	17: 0	1.15 52	0.43 15.5	0.40 16.8	0.32 14.4
(101)	1988	6/11	19: 0	1.44 62	0.46 13.5	0.41 13.5	0.31 11.5
(102)	1988	6/11	21: 0	1.30 58	0.46 14.5	0.38 12.2	0.31 10.2
(103)	1988	6/11	23: 0	1.02 65	0.36 9.0	0.31 11.2	0.25 9.7
(104)	1988	6/12	1: 0	0.95 67	0.36 7.0	0.30 11.0	0.26 8.9
(105)	1988	6/12	3: 0	1.38 47	0.43 18.5	0.43 14.4	0.37 14.2
(106)	1988	6/12	5: 0	1.97 79	* 0.76 6.0	0.51 7.2	0.40 7.7
(107)	1988	6/12	7: 0	2.19 73	0.66 11.0	0.61 8.1	* 0.53 8.2
(108)	1988	6/12	9: 0	1.85 74	0.47 10.5	0.45 8.9	0.38 8.9
(109)	1988	6/12	11: 0	1.08 52	0.39 8.0	0.36 7.5	0.29 9.4
(110)	1988	6/12	13: 0	0.42 48	0.28 18.5	0.24 15.0	0.19 14.3
(111)	1988	6/12	15: 0	0.40 57	0.33 15.5	0.27 11.3	0.22 8.8
(112)	1988	6/12	17: 0	0.89 59	0.37 5.5	0.34 7.0	0.29 8.6
(113)	1988	6/12	19: 0	1.38 55	0.59 11.5	0.46 14.3	0.38 12.0
(114)	1988	6/12	21: 0	1.46 61	0.46 13.0	0.44 9.7	0.39 9.8
(115)	1988	6/12	23: 0	1.21 65	0.56 16.5	0.45 11.0	0.35 8.9
(116)	1988	6/13	1: 0	0.91 55	0.36 8.0	0.31 10.0	0.25 10.2
(117)	1988	6/13	3: 0	1.13 67	0.57 10.5	0.50 7.3	0.43 7.4
(118)	1988	6/13	5: 0	1.74 72	0.62 7.5	0.50 9.0	0.43 8.9
(119)	1988	6/13	7: 0	2.23 74	* 0.87 16.5	0.79 10.6	* 0.66 9.5
(120)	1988	6/13	9: 0	2.12 73	0.75 13.5	0.58 11.1	0.49 9.5
(121)	1988	6/13	11: 0	1.40 73	0.50 7.5	0.43 8.9	0.37 8.7
(122)	1988	6/13	13: 0	0.47 62	0.30 9.0	0.29 14.3	0.23 9.0
(123)	1988	6/13	15: 0	0.17 39	0.43 17.5	0.38 16.4	0.31 15.8
(124)	1988	6/13	17: 0	0.57 65	0.46 13.5	0.36 10.7	0.29 9.6
(125)	1988	6/13	19: 0	1.21 55	0.51 4.5	0.41 12.8	0.36 12.7
(126)	1988	6/13	21: 0	1.49 57	0.59 15.5	0.49 12.6	0.42 10.8
(127)	1988	6/13	23: 0	1.29 62	0.51 6.0	0.43 7.3	0.36 8.8
(128)	1988	6/14	1: 0	0.91 57	0.51 9.5	0.40 10.9	0.32 11.1
(129)	1988	6/14	3: 0	0.87 67	0.50 3.5	0.41 6.6	0.34 8.7
(130)	1988	6/14	5: 0	1.40 55	0.49 13.5	0.40 13.9	0.32 11.6
(131)	1988	6/14	7: 0	2.12 73	* 0.99 12.0	0.82 10.5	0.65 8.9
(132)	1988	6/14	9: 0	2.27 68	0.97 5.5	0.76 9.6	* 0.67 9.3



	DATE	TIME	DEPTH (N)	MAX	1/10	1/3	MEAN
(133)	1988	6/14 11: 0	1.70 62	0.74 8.5	0.62 11.6	0.51 10.5	0.34 7
(134)	1988	6/14 13: 0	0.68 62	0.40 3.5	0.32 8.6	0.29 8.9	0.19 7
(135)	1988	6/14 15: 0	0.08 43	0.20 14.0	0.18 15.1	0.14 14.6	0.10 10
(136)	1988	6/14 17: 0	0.28 43	0.23 12.5	0.22 10.4	0.19 11.9	0.14 10
(137)	1988	6/14 19: 0	1.00 59	0.41 11.0	0.39 9.8	0.34 8.8	0.23 8
(138)	1988	6/14 21: 0	1.51 53	0.54 12.0	0.50 10.7	0.42 10.1	0.32 9
(139)	1988	6/14 23: 0	1.42 66	0.44 10.0	0.38 9.6	0.33 8.1	0.24 7
(140)	1988	6/15 1: 0	1.00 57	0.33 13.0	0.32 9.3	0.27 9.8	0.20 8
(141)	1988	6/15 3: 0	0.74 69	0.35 4.0	0.32 7.5	0.27 8.6	0.18 7
(142)	1988	6/15 5: 0	1.10 49	0.36 12.5	0.30 10.1	0.24 10.4	0.17 9
(143)	1988	6/15 7: 0	1.87 62	0.66 8.5	0.55 10.2	0.43 10.4	0.32 7
(144)	1988	6/15 9: 0	2.25 67	* 0.78 12.5	0.71 12.0	* 0.63 10.4	0.44 7

	DATE	TIME	DEPTH (N)	MAX	1/10	1/3	MEAN
(145)	1988	6/15 11: 0	1.93 72	0.63 11.0	0.56 10.2	0.47 9.0	0.33 6.9
(146)	1988	6/15 13: 0	0.98 56	0.59 15.0	0.46 9.0	0.37 9.7	0.26 8.3
(147)	1988	6/15 15: 0	0.15 47	0.17 15.0	0.16 12.2	0.14 11.0	0.10 8.9
(148)	1988	6/15 17: 0	0.09 38	0.17 14.0	0.14 14.0	0.11 12.7	0.08 11.0
(149)	1988	6/15 19: 0	0.74 62	0.38 10.5	0.35 8.3	0.31 7.6	0.22 7.9
(150)	1988	6/15 21: 0	1.42 59	0.46 11.5	0.40 11.5	0.34 9.8	0.24 8.2
(151)	1988	6/15 23: 0	1.51 70	0.58 7.5	0.43 8.7	0.33 8.9	0.23 6.9
(152)	1988	6/16 1: 0	1.13 67	0.44 12.0	0.37 8.5	0.30 8.1	0.20 7.4
(153)	1988	6/16 3: 0	0.72 66	0.32 4.0	0.27 9.4	0.23 9.0	0.16 7.3
(154)	1988	6/16 5: 0	0.89 60	0.36 11.5	0.31 11.4	0.25 9.9	0.16 8.2
(155)	1988	6/16 7: 0	1.61 46	0.49 11.0	0.44 13.5	0.38 11.3	0.26 9.5
(156)	1988	6/16 9: 0	2.17 63	0.81 12.0	0.72 11.2	0.61 9.4	0.42 7.9
(157)	1988	6/16 11: 0	2.12 66	* 0.94 12.0	0.77 12.4	* 0.62 10.4	0.42 7.4
(158)	1988	6/16 13: 0	1.34 56	0.46 16.0	0.39 13.2	0.35 10.9	0.24 8.9
(159)	1988	6/16 15: 0	0.36 52	0.30 13.0	0.24 13.1	0.19 11.5	0.13 9.1
(160)	1988	6/16 17: 0	0.04 21	0.14 13.5	0.13 17.8	0.12 17.9	0.10 15.2
(161)	1988	6/16 19: 0	0.51 48	0.28 14.5	0.22 12.4	0.20 10.2	0.16 9.9
(162)	1988	6/16 21: 0	1.25 64	0.45 6.5	0.39 7.5	0.33 8.3	0.23 7.6
(163)	1988	6/16 23: 0	1.55 56	0.61 16.0	0.50 13.2	0.41 11.2	0.28 8.8
(164)	1988	6/17 1: 0	1.25 56	0.36 13.5	0.27 11.0	0.23 10.3	0.16 8.5
(165)	1988	6/17 3: 0	0.76 60	0.29 6.0	0.24 9.1	0.19 9.2	0.13 8.1
(166)	1988	6/17 5: 0	0.68 54	0.23 10.0	0.22 12.1	0.17 9.8	0.12 9.0
(167)	1988	6/17 7: 0	1.30 44	0.41 13.0	0.33 12.0	0.26 12.5	0.20 10.6
(168)	1988	6/17 9: 0	1.98 67	0.65 12.5	0.54 9.2	0.44 9.7	0.30 7.4
(169)	1988	6/17 11: 0	2.12 62	* 0.73 11.5	0.64 11.4	* 0.52 10.4	0.36 7.9
(170)	1988	6/17 13: 0	1.57 58	0.36 12.0	0.33 10.0	0.29 10.9	0.20 8.3
(171)	1988	6/17 15: 0	0.62 40	0.25 13.0	0.22 12.0	0.17 12.6	0.12 10.3
(172)	1988	6/17 17: 0	0.08 19	0.07 13.5	0.07 13.8	0.06 14.1	0.05 14.2
(173)	1988	6/17 19: 0	0.36 24	0.13 15.0	0.11 16.3	0.09 13.1	0.08 14.4
(174)	1988	6/17 21: 0	1.10 48	0.44 12.5	0.33 11.4	0.25 10.6	0.18 9.4
(175)	1988	6/17 23: 0	1.55 61	0.54 11.5	0.39 12.9	0.30 11.1	0.20 8.1
(176)	1988	6/18 1: 0	1.40 60	0.33 13.0	0.33 10.8	0.28 10.8	0.19 8.1
(177)	1988	6/18 3: 0	0.93 60	0.25 14.5	0.23 11.4	0.20 9.9	0.14 8.1
(178)	1988	6/18 5: 0	0.68 51	0.23 13.0	0.22 8.2	0.19 10.0	0.13 9.5
(179)	1988	6/18 7: 0	1.06 38	0.28 13.0	0.24 12.8	0.21 11.9	0.16 10.9
(180)	1988	6/18 9: 0	1.78 58	0.43 8.0	0.32 11.6	0.28 10.7	0.19 8.5
(181)	1988	6/18 11: 0	2.08 72	* 0.74 7.0	0.58 8.9	* 0.49 8.8	0.35 6.8
(182)	1988	6/18 13: 0	1.76 74	0.49 5.0	0.38 9.5	0.34 8.5	0.24 6.7
(183)	1988	6/18 15: 0	0.95 59	0.31 7.5	0.27 7.7	0.22 8.2	0.16 8.3
(184)	1988	6/18 17: 0	0.23 45	0.15 15.0	0.14 13.3	0.12 13.2	0.08 10.2
(185)	1988	6/18 19: 0	0.30 61	0.20 8.0	0.16 9.0	0.13 8.9	0.10 7.6
(186)	1988	6/18 21: 0	0.93 52	0.26 7.0	0.24 7.9	0.21 9.4	0.15 8.5
(187)	1988	6/18 23: 0	1.46 64	0.37 8.0	0.32 8.5	0.26 8.9	0.18 7.5
(188)	1988	6/19 1: 0	1.44 70	0.34 9.5	0.29 8.4	0.25 8.7	0.18 7.0
(189)	1988	6/19 3: 0	1.06 67	0.28 14.5	0.25 9.7	0.21 8.0	0.16 7.3
(190)	1988	6/19 5: 0	0.72 64	0.31 10.0	0.26 8.0	0.19 8.2	0.13 7.8
(191)	1988	6/19 7: 0	0.89 46	0.21 8.0	0.16 11.9	0.15 10.2	0.12 10.5
(192)	1988	6/19 9: 0	1.55 45	0.26 10.0	0.24 11.5	0.22 11.5	0.17 10.8

	DATE	TIME	DEPTH (N)	MAX	1/10	1/3	MEAN	
(193)	1988	6/19	11: 0	1.93 62	* 0.63 10.5	0.51 12.3	0.38 10.1	0.25 7.8
(194)	1988	6/19	13: 0	1.80 63	0.57 12.0	0.47 12.5	* 0.38 12.0	0.25 7.8
(195)	1988	6/19	15: 0	1.15 64	0.38 13.5	0.36 11.1	0.28 8.9	0.20 7.7
(196)	1988	6/19	17: 0	0.43 63	0.23 13.5	0.22 12.7	0.18 12.1	0.12 9.3
(197)	1988	6/19	19: 0	0.32 64	0.23 14.5	0.20 14.5	0.16 12.6	0.11 8.9
(198)	1988	6/19	21: 0	0.79 44	0.38 17.0	0.32 14.1	0.27 14.8	0.20 11.2
(199)	1988	6/19	23: 0	1.36 68	0.51 16.0	0.44 9.9	0.33 10.4	0.22 8.2
(200)	1988	6/20	1: 0	1.51 49	0.56 21.5	0.52 19.2	0.42 17.1	0.27 9.8
(201)	1988	6/20	3: 0	1.19 64	0.43 15.5	0.41 15.7	0.35 13.5	0.22 9.0
(202)	1988	6/20	5: 0	0.81 51	0.48 13.5	0.40 11.7	0.31 11.4	0.22 9.4
(203)	1988	6/20	7: 0	0.81 62	0.69 15.6	0.52 13.4	0.42 12.4	0.30 9.4
(204)	1988	6/20	9: 0	1.27 42	0.43 15.5	0.42 14.3	0.36 14.1	0.23 11.3
(205)	1988	6/20	11: 0	1.74 68	1.03 14.0	0.97 8.3	0.79 9.7	0.54 8.5
(206)	1988	6/20	13: 0	1.76 65	* 1.25 5.0	0.97 10.7	* 0.82 12.2	0.57 8.4
(207)	1988	6/20	15: 0	1.34 47	0.87 16.5	0.73 15.1	0.63 14.4	0.46 10.5
(208)	1988	6/20	17: 0	0.66 65	0.48 15.5	0.41 12.4	0.33 8.5	0.23 7.0
(209)	1988	6/20	19: 0	0.40 58	0.58 18.5	0.49 13.6	0.37 11.7	0.24 8.3
(210)	1988	6/20	21: 0	0.68 60	0.58 17.5	0.45 14.1	0.37 10.1	0.25 7.4
(211)	1988	6/20	23: 0	1.27 53	0.77 16.0	0.64 8.7	0.49 11.0	0.33 8.8
(212)	1988	6/21	1: 0	1.59 63	* 0.98 4.0	0.62 6.2	* 0.66 7.7	0.46 7.7
(213)	1988	6/21	3: 0	1.40 60	0.52 11.5	0.49 8.4	0.40 9.9	0.28 8.1
(214)	1988	6/21	5: 0	1.04 61	0.62 10.5	0.51 9.6	0.44 8.5	0.31 7.9
(215)	1988	6/21	7: 0	0.87 65	0.46 15.5	0.42 7.4	0.38 8.3	0.25 7.4
(216)	1988	6/21	9: 0	1.12 70	0.61 6.5	0.53 7.4	0.45 7.2	0.32 7.0
(217)	1988	6/21	11: 0	1.51 59	0.93 5.0	0.65 10.3	0.48 10.4	0.32 8.3
(218)	1988	6/21	13: 0	1.66 68	0.90 4.0	0.68 8.9	0.56 8.7	0.37 7.1
(219)	1988	6/21	15: 0	1.42 62	0.82 3.5	0.49 7.2	0.39 9.3	0.27 7.5
(220)	1988	6/21	17: 0	0.91 63	0.33 14.0	0.32 10.8	0.29 9.1	0.20 7.8
(221)	1988	6/21	19: 0	0.65 73	0.36 12.0	0.30 9.4	0.25 8.6	0.18 6.6
(222)	1988	6/21	21: 0	0.64 65	0.31 7.5	0.30 8.0	0.26 7.6	0.18 7.4
(223)	1988	6/21	23: 0	1.15 67	0.38 15.5	0.35 9.6	0.31 8.1	0.22 7.2
(224)	1988	6/22	1: 0	1.49 65	0.54 14.5	0.46 10.5	0.40 11.4	0.28 9.0
(225)	1988	6/22	3: 0	1.47 60	0.59 14.0	0.53 15.3	0.44 11.0	0.29 8.2
(226)	1988	6/22	5: 0	1.19 51	0.33 13.5	0.31 11.1	0.25 12.2	0.18 9.5
(227)	1988	6/22	7: 0	0.93 67	0.42 6.5	0.35 7.8	0.28 9.1	0.20 8.6
(228)	1988	6/22	9: 0	0.93 68	0.31 8.5	0.29 10.5	0.24 9.5	0.16 8.4
(229)	1988	6/22	11: 0	1.29 58	0.54 14.0	0.45 11.3	0.37 10.4	0.24 8.4
(230)	1988	6/22	13: 0	1.44 66	* 0.82 3.5	0.58 8.1	* 0.47 9.0	0.31 7.3
(231)	1988	6/22	15: 0	1.34 52	0.54 13.5	0.49 12.0	0.41 11.9	0.30 9.4
(232)	1988	6/22	17: 0	1.00 59	0.57 4.5	0.44 8.5	0.34 9.5	0.22 8.3
(233)	1988	6/22	19: 0	0.68 73	0.56 15.5	0.48 11.6	0.40 8.4	0.27 6.6
(234)	1988	6/22	21: 0	0.68 79	0.42 5.0	0.35 7.9	0.30 7.5	0.20 6.2
(235)	1988	6/22	23: 0	1.02 63	0.63 4.5	0.51 7.7	0.40 8.1	0.28 7.7
(236)	1988	6/23	1: 0	1.42 65	0.57 11.5	0.47 10.1	0.38 10.2	0.25 7.5
(237)	1988	6/23	3: 0	1.53 69	* 0.66 8.5	0.62 7.7	* 0.53 8.0	0.35 7.1
(238)	1988	6/23	5: 0	1.32 63	0.47 8.5	0.42 8.9	0.34 8.4	0.24 7.8
(239)	1988	6/23	7: 0	1.02 54	0.33 11.0	0.32 12.2	0.27 10.9	0.19 9.1
(240)	1988	6/23	9: 0	0.87 49	0.31 11.5	0.30 11.9	0.28 11.3	0.20 10.1
(241)	1988	6/23	11: 0	1.00 58	0.60 3.5	0.46 8.8	0.38 9.8	0.25 8.5
(242)	1988	6/23	13: 0	1.17 60	0.55 4.0	0.39 7.9	0.29 9.6	0.20 8.0

COMMENT =SANUR ON SHORE

2-2 Current Data



Table Current Velocity and Direction (Kuta south point)

SENSITIVITY X=1.830 SENSITIVITY Y=1.938 DATA NUMBERS=1022

	DATE	TIME	(V)	DEG.	(Vn)	(Ve)	CMP	(x)	(y)
( 1)	1988	3/ 7 8: 0	1.49	117(RSE)	-0.67	1.33	140	-0.69	-1.36
( 2)	1988	3/ 7 10: 0	0.74	322(NW)	0.58	-0.45	5	-0.50	-0.54
( 3)	1988	3/ 7 12: 0	0.82	237(WSW)	-0.45	-0.69	330	-0.82	0.04
( 4)	1988	3/ 7 14: 0	*2.75	344(NNW)	2.64	-0.77	32	-2.05	-1.83
( 5)	1988	3/ 7 16: 0	1.43	327(NNW)	1.19	-0.78	246	1.41	-0.23
( 6)	1988	3/ 7 18: 0	0.47	84(E)	0.05	0.47	337	0.45	0.14
( 7)	1988	3/ 7 20: 0	0.26	340(NNW)	0.24	-0.09	222	0.23	0.12
( 8)	1988	3/ 7 22: 0	0.22	53(NE)	0.13	0.17	295	0.19	0.10
( 9)	1988	3/ 8 0: 0	0.20	38(NE)	0.16	0.13	292	0.20	0.06
(10)	1988	3/ 8 2: 0	0.22	233(SW)	-0.13	-0.18	130	0.22	0.05
(11)	1988	3/ 8 4: 0	0.22	201(SSW)	-0.21	-0.08	115	0.22	-0.01
(12)	1988	3/ 8 6: 0	0.24	34(NNE)	0.20	0.14	302	0.24	0.01
(13)	1988	3/ 8 8: 0	0.89	37(NE)	0.71	0.54	288	0.84	0.30
(14)	1988	3/ 8 10: 0	0.43	177(S)	-0.43	0.02	215	-0.27	-0.34
(15)	1988	3/ 8 12: 0	*1.33	3(N)	1.33	0.08	230	0.96	0.91
(16)	1988	3/ 8 14: 0	0.01	358(***)	0.01	-0.00	274	0.01	-0.00
(17)	1988	3/ 8 16: 0	0.07	21(NNE)	0.06	0.02	274	0.06	0.02
(18)	1988	3/ 8 18: 0	0.06	20(NNE)	0.06	0.02	274	0.06	0.02
(19)	1988	3/ 8 20: 0	0.08	227(SW)	-0.06	-0.06	274	-0.06	-0.06
(20)	1988	3/ 8 22: 0	0.02	211(***)	-0.01	-0.01	274	-0.01	-0.01
(21)	1988	3/ 9 0: 0	0.02	244(***)	-0.01	-0.02	274	-0.01	-0.02
(22)	1988	3/ 9 2: 0	0.02	270(***)	-0.00	-0.02	274	-0.00	-0.02
(23)	1988	3/ 9 4: 0	*0.07	23(NNE)	0.06	0.03	274	0.06	0.02
(24)	1988	3/ 9 6: 0	0.06	33(NNE)	0.06	0.03	274	0.05	0.03
(25)	1988	3/ 9 8: 0	0.03	216(SW)	-0.03	-0.02	274	-0.03	-0.02
(26)	1988	3/ 9 10: 0	0.01	280(***)	0.00	-0.01	274	0.00	-0.01
(27)	1988	3/ 9 12: 0	0.03	244(WSW)	-0.01	-0.03	274	-0.02	-0.03
(28)	1988	3/ 9 14: 0	0.04	242(WSW)	-0.02	-0.04	274	-0.02	-0.04
(29)	1988	3/ 9 16: 0	0.04	31(NNE)	0.03	0.02	274	0.03	0.02
(30)	1988	3/ 9 18: 0	0.06	20(NNE)	0.04	0.02	274	0.04	0.01
(31)	1988	3/ 9 20: 0	0.02	223(***)	-0.02	-0.02	274	-0.02	-0.01
(32)	1988	3/ 9 22: 0	0.02	230(***)	-0.02	-0.02	274	-0.02	-0.02
(33)	1988	3/10 0: 0	0.03	234(SW)	-0.02	-0.03	274	-0.02	-0.02
(34)	1988	3/10 2: 0	0.01	273(***)	0.00	-0.01	274	-0.00	-0.01
(35)	1988	3/10 4: 0	0.03	32(NNE)	0.03	0.02	274	0.03	0.02
(36)	1988	3/10 6: 0	0.03	2(N)	0.03	0.00	274	0.03	0.00
(37)	1988	3/10 8: 0	0.02	181(***)	-0.02	-0.00	274	-0.02	0.00
(38)	1988	3/10 10: 0	0.02	212(***)	-0.02	-0.01	274	-0.02	-0.01
(39)	1988	3/10 12: 0	0.04	230(SW)	-0.02	-0.03	274	-0.03	-0.03
(40)	1988	3/10 14: 0	0.02	235(***)	-0.01	-0.02	274	-0.01	-0.02
(41)	1988	3/10 16: 0	0.01	22(***)	0.01	0.00	274	0.01	0.00
(42)	1988	3/10 18: 0	*0.06	34(NE)	0.05	0.04	274	0.06	0.03
(43)	1988	3/10 20: 0	0.00	335(***)	0.00	-0.00	274	0.00	-0.00
(44)	1988	3/10 22: 0	0.02	238(***)	-0.01	-0.02	274	-0.01	-0.02
(45)	1988	3/11 0: 0	0.03	235(***)	-0.02	-0.02	274	-0.02	-0.02
(46)	1988	3/11 2: 0	0.01	196(***)	-0.01	-0.00	274	-0.01	-0.00
(47)	1988	3/11 4: 0	0.05	41(NE)	0.03	0.03	274	0.04	0.03
(48)	1988	3/11 6: 0	*0.08	32(NNE)	0.07	0.04	274	0.07	0.04
(49)	1988	3/11 8: 0	0.05	51(NE)	0.03	0.04	274	0.03	0.03
(50)	1988	3/11 10: 0	0.03	37(***)	0.02	0.02	274	0.02	0.02
(51)	1988	3/11 12: 0	0.01	58(***)	0.00	0.01	274	0.00	0.01
(52)	1988	3/11 14: 0	0.01	254(***)	-0.00	0.01	274	-0.00	-0.01
(53)	1988	3/11 16: 0	0.01	46(***)	0.01	0.01	274	0.01	0.01
(54)	1988	3/11 18: 0	0.07	32(NNE)	0.06	0.04	274	0.06	0.03
(55)	1988	3/11 20: 0	0.06	29(NNE)	0.05	0.03	274	0.05	0.02
(56)	1988	3/11 22: 0	0.05	56(NE)	0.03	0.04	274	0.02	0.04
(57)	1988	3/12 0: 0	0.04	50(NE)	0.02	0.03	274	0.03	0.03
(58)	1988	3/12 2: 0	0.02	34(***)	0.02	0.01	274	0.02	0.01
(59)	1988	3/12 4: 0	*0.08	33(NNE)	0.07	0.05	274	0.07	0.04
(60)	1988	3/12 6: 0	0.06	35(NE)	0.05	0.04	274	0.05	0.03
(61)	1988	3/12 8: 0	0.06	41(NE)	0.04	0.04	274	0.05	0.04
(62)	1988	3/12 10: 0	0.04	42(NE)	0.03	0.03	274	0.03	0.03
(63)	1988	3/12 12: 0	0.01	296(***)	0.00	0.01	274	0.00	-0.01
(64)	1988	3/12 14: 0	0.02	246(***)	-0.01	-0.02	274	-0.01	-0.02
(65)	1988	3/12 16: 0	0.00	115(***)	-0.00	0.00	274	-0.00	0.00
(66)	1988	3/12 18: 0	0.04	36(NE)	0.03	0.03	274	0.04	0.02
(67)	1988	3/12 20: 0	0.05	27(NNE)	0.05	0.02	274	0.05	0.02
(68)	1988	3/12 22: 0	0.03	45(NE)	0.02	0.02	274	0.02	0.02
(69)	1988	3/13 0: 0	0.02	57(***)	0.01	0.02	274	0.01	0.02
(70)	1988	3/13 2: 0	0.01	89(***)	0.00	0.01	274	0.00	0.01
(71)	1988	3/13 4: 0	0.02	60(***)	0.01	0.02	274	0.01	0.02
(72)	1988	3/13 6: 0	0.02	60(***)	0.01	0.01	274	0.01	0.01

	DATE	TIME	(V)	DEG.	(Vn)	(Ve)	CMF	(x)	(y)	
( 73)	1988	3/13	8: 0	0.03	51(***)	0.02	0.02	274	0.02	0.02
( 74)	1988	3/13	10: 0	0.01	79(***)	0.00	0.01	274	0.00	0.01
( 75)	1988	3/13	12: 0	0.01	225(***)	-0.01	0.01	274	-0.01	-0.01
( 76)	1988	3/13	14: 0	0.02	237(***)	-0.01	0.02	274	-0.01	-0.02
( 77)	1988	3/13	16: 0	0.01	174(***)	0.01	0.00	274	-0.01	0.00
( 78)	1988	3/13	18: 0	0.00	190(***)	-0.00	-0.00	274	-0.00	-0.00
( 79)	1988	3/13	20: 0	0.01	246(***)	-0.01	-0.01	274	-0.01	-0.01
( 80)	1988	3/13	22: 0	*0.04	24(NNE)	0.04	0.02	274	0.04	0.01
( 81)	1988	3/14	0: 0	0.02	69(***)	0.01	0.01	274	0.01	0.01
( 82)	1988	3/14	2: 0	0.00	111(***)	-0.00	0.00	274	-0.00	0.00
( 83)	1988	3/14	4: 0	0.02	200(***)	-0.02	-0.01	274	-0.02	-0.01
( 84)	1988	3/14	6: 0	0.01	205(***)	-0.01	-0.01	274	-0.01	-0.01
( 85)	1988	3/14	8: 0	0.02	235(***)	-0.01	-0.02	274	-0.01	-0.02
( 86)	1988	3/14	10: 0	0.01	242(***)	-0.01	-0.01	274	-0.01	-0.01
( 87)	1988	3/14	12: 0	0.02	207(***)	-0.02	-0.01	274	-0.02	-0.01
( 88)	1988	3/14	14: 0	0.02	199(***)	-0.02	0.01	274	-0.02	-0.01
( 89)	1988	3/14	16: 0	0.02	224(***)	-0.02	-0.02	274	-0.02	-0.01
( 90)	1988	3/14	18: 0	*0.03	228(SW)	-0.02	-0.02	274	-0.02	-0.02
( 91)	1988	3/14	20: 0	0.03	222(***)	-0.02	-0.02	274	-0.02	-0.02
( 92)	1988	3/14	22: 0	0.00	275(***)	0.00	-0.00	274	0.00	-0.00
( 93)	1988	3/15	0: 0	0.00	138(***)	-0.00	0.00	274	-0.00	0.00
( 94)	1988	3/15	2: 0	0.00	133(***)	-0.00	0.00	274	-0.00	0.00
( 95)	1988	3/15	4: 0	0.02	227(***)	-0.02	-0.02	274	-0.02	-0.02
( 96)	1988	3/15	6: 0	0.03	215(***)	-0.02	-0.02	274	-0.02	-0.01
( 97)	1988	3/15	8: 0	*0.03	207(***)	-0.03	-0.01	274	-0.03	-0.01
( 98)	1988	3/15	10: 0	0.02	210(***)	-0.02	-0.01	274	-0.02	-0.01
( 99)	1988	3/15	12: 0	0.03	29(***)	0.02	0.01	274	0.03	0.01
(100)	1988	3/15	14: 0	0.01	68(***)	0.00	0.00	274	0.00	0.00
(101)	1988	3/15	16: 0	0.02	211(***)	-0.01	-0.01	274	-0.01	-0.01
(102)	1988	3/15	18: 0	0.03	221(***)	-0.02	-0.02	274	-0.02	-0.02
(103)	1988	3/15	20: 0	0.03	246(***)	-0.01	-0.03	274	-0.01	-0.02
(104)	1988	3/15	22: 0	0.02	213(***)	-0.02	-0.01	274	-0.02	-0.01
(105)	1988	3/16	0: 0	0.02	32(***)	0.01	0.01	274	0.01	0.01
(106)	1988	3/16	2: 0	*0.06	23(NNE)	0.04	0.02	274	0.04	0.01
(107)	1988	3/16	4: 0	0.02	202(***)	-0.02	-0.01	274	-0.02	-0.01
(108)	1988	3/16	6: 0	0.01	220(***)	-0.01	-0.01	274	-0.01	-0.01
(109)	1988	3/16	8: 0	0.02	219(***)	-0.01	-0.01	274	-0.01	-0.01
(110)	1988	3/16	10: 0	0.01	214(***)	-0.01	-0.01	274	-0.01	-0.01
(111)	1988	3/16	12: 0	0.01	144(***)	-0.01	0.01	274	-0.01	0.01
(112)	1988	3/16	14: 0	0.03	36(***)	0.02	0.02	274	0.02	0.02
(113)	1988	3/16	16: 0	0.01	140(***)	-0.01	0.01	274	-0.01	0.01
(114)	1988	3/16	18: 0	0.02	208(***)	-0.01	-0.01	274	-0.01	-0.01
(115)	1988	3/16	20: 0	0.03	224(SW)	-0.02	-0.02	274	-0.02	-0.02
(116)	1988	3/16	22: 0	0.02	230(***)	-0.01	-0.02	274	-0.02	-0.02
(117)	1988	3/17	0: 0	0.01	14(***)	0.01	0.00	274	0.01	0.00
(118)	1988	3/17	2: 0	*0.06	26(NNE)	0.06	0.03	274	0.06	0.02
(119)	1988	3/17	4: 0	0.01	65(***)	0.00	0.00	274	0.00	0.00
(120)	1988	3/17	6: 0	0.03	207(***)	-0.02	-0.01	274	-0.02	-0.01
(121)	1988	3/17	8: 0	0.01	228(***)	-0.01	-0.01	274	-0.01	-0.01
(122)	1988	3/17	10: 0	0.01	155(***)	-0.01	0.00	274	-0.01	0.00
(123)	1988	3/17	12: 0	0.02	16(***)	0.02	0.01	274	0.02	0.00
(124)	1988	3/17	14: 0	0.04	29(NNE)	0.04	0.02	274	0.04	0.02
(125)	1988	3/17	16: 0	0.01	20(***)	0.01	0.00	274	0.01	0.00
(126)	1988	3/17	18: 0	0.01	115(***)	-0.00	0.01	274	-0.00	0.01
(127)	1988	3/17	20: 0	0.01	191(***)	-0.01	-0.00	274	-0.01	-0.00
(128)	1988	3/17	22: 0	0.01	198(***)	-0.01	-0.00	274	-0.01	-0.00
(129)	1988	3/18	0: 0	0.02	65(***)	0.01	0.02	274	0.01	0.02
(130)	1988	3/18	2: 0	0.06	25(NNE)	0.06	0.02	274	0.06	0.02
(131)	1988	3/18	4: 0	0.01	29(***)	0.01	0.01	274	0.01	0.01
(132)	1988	3/18	6: 0	0.02	213(***)	-0.02	-0.01	274	-0.02	-0.01
(133)	1988	3/18	8: 0	0.03	66(***)	0.02	0.02	274	0.02	0.02
(134)	1988	3/18	10: 0	0.00	18(***)	0.00	0.00	274	0.00	0.00
(135)	1988	3/18	12: 0	0.03	36(NE)	0.03	0.02	274	0.03	0.02
(136)	1988	3/18	14: 0	*0.06	37(NE)	0.06	0.04	274	0.06	0.03
(137)	1988	3/18	16: 0	0.02	24(***)	0.01	0.01	274	0.02	0.01
(138)	1988	3/18	18: 0	0.01	205(***)	-0.01	-0.01	274	-0.01	-0.00
(139)	1988	3/18	20: 0	0.03	65(NE)	0.02	0.03	274	0.02	0.02
(140)	1988	3/18	22: 0	0.02	66(***)	0.01	0.02	274	0.01	0.02
(141)	1988	3/19	0: 0	0.03	36(NE)	0.03	0.02	274	0.03	0.02
(142)	1988	3/19	2: 0	*0.07	28(NNE)	0.06	0.03	274	0.07	0.03
(143)	1988	3/19	4: 0	0.06	29(NNE)	0.06	0.03	274	0.06	0.02
(144)	1988	3/19	6: 0	0.03	224(SW)	-0.02	-0.02	274	-0.02	-0.02

	DATE	TIME	(V)	DEG.	(Vn)	(Ve)	CMP	(x)	(y)
(145)	1988	3/19 8: 0	0.02	69(***)	0.01	0.01	274	0.01	0.01
(146)	1988	3/19 10: 0	0.01	206(***)	-0.01	-0.00	274	-0.01	-0.00
(147)	1988	3/19 12: 0	0.01	193(***)	-0.01	-0.00	274	-0.01	-0.00
(148)	1988	3/19 14: 0	0.03	13(NNE)	0.03	0.01	274	0.03	0.01
(149)	1988	3/19 16: 0	0.04	29(NNE)	0.04	0.02	274	0.04	0.02
(150)	1988	3/19 18: 0	0.03	223(***)	-0.02	-0.02	274	-0.02	-0.02
(151)	1988	3/19 20: 0	0.00	149(***)	-0.00	0.00	274	-0.00	0.00
(152)	1988	3/19 22: 0	0.01	30(***)	0.01	0.01	274	0.01	0.01
(153)	1988	3/20 0: 0	0.00	7(***)	0.00	0.00	274	0.00	0.00
(154)	1988	3/20 2: 0	0.03	15(***)	0.03	0.01	274	0.03	0.01
(155)	1988	3/20 4: 0	0.05	31(NNE)	0.04	0.03	274	0.05	0.02
(156)	1988	3/20 6: 0	0.02	223(***)	-0.02	-0.02	274	-0.02	-0.01
(157)	1988	3/20 8: 0	0.01	184(***)	-0.01	-0.00	274	-0.01	-0.00
(158)	1988	3/20 10: 0	0.01	288(***)	0.00	-0.01	274	0.00	-0.01
(159)	1988	3/20 12: 0	0.03	249(***)	-0.01	-0.02	274	-0.01	-0.02
(160)	1988	3/20 14: 0	0.02	30(***)	0.02	0.01	274	0.02	0.01
(161)	1988	3/20 16: 0	*0.13	25(NNE)	0.12	0.05	274	0.12	0.05
(162)	1988	3/20 18: 0	0.02	33(***)	0.02	0.01	274	0.02	0.01
(163)	1988	3/20 20: 0	0.07	224(SW )	-0.05	-0.05	274	-0.05	-0.04
(164)	1988	3/20 22: 0	0.02	223(***)	-0.01	-0.01	274	-0.01	-0.01
(165)	1988	3/21 0: 0	0.02	232(***)	-0.01	-0.02	274	-0.01	-0.02
(166)	1988	3/21 2: 0	0.02	43(***)	0.02	0.02	274	0.02	0.01
(167)	1988	3/21 4: 0	0.10	29(NNE)	0.08	0.05	274	0.09	0.04
(168)	1988	3/21 6: 0	0.01	19(***)	0.01	0.00	274	0.01	0.00
(169)	1988	3/21 8: 0	0.03	227(***)	-0.02	-0.02	274	-0.02	-0.02
(170)	1988	3/21 10: 0	0.03	225(***)	-0.02	-0.02	274	-0.02	-0.02
(171)	1988	3/21 12: 0	0.03	224(***)	-0.02	-0.02	274	-0.02	-0.02
(172)	1988	3/21 14: 0	0.01	235(***)	-0.01	-0.01	274	-0.01	-0.01
(173)	1988	3/21 16: 0	0.12	25(NNE)	0.11	0.05	274	0.11	0.04
(174)	1988	3/21 18: 0	0.09	37(NE )	0.07	0.05	274	0.07	0.05
(175)	1988	3/21 20: 0	*0.14	227(SW )	-0.09	-0.10	274	-0.10	-0.09
(176)	1988	3/21 22: 0	0.03	222(SW )	-0.03	-0.02	274	-0.03	-0.02
(177)	1988	3/22 0: 0	0.04	229(SW )	-0.02	-0.03	274	-0.03	-0.03
(178)	1988	3/22 2: 0	0.02	239(***)	-0.01	-0.01	274	-0.01	-0.01
(179)	1988	3/22 4: 0	0.09	29(NNE)	0.08	0.04	274	0.08	0.04
(180)	1988	3/22 6: 0	0.03	30(NNE)	0.03	0.02	274	0.03	0.01
(181)	1988	3/22 8: 0	0.07	227(SW )	-0.05	-0.05	274	-0.05	-0.04
(182)	1988	3/22 10: 0	0.03	201(***)	-0.03	-0.01	274	-0.03	-0.01
(183)	1988	3/22 12: 0	0.03	224(***)	-0.02	-0.02	274	-0.02	-0.02
(184)	1988	3/22 14: 0	0.02	221(***)	-0.01	-0.01	274	-0.02	-0.01
(185)	1988	3/22 16: 0	0.04	41(NE )	0.03	0.03	274	0.03	0.03
(186)	1988	3/22 18: 0	*0.12	29(NNE)	0.11	0.05	274	0.11	0.05
(187)	1988	3/22 20: 0	0.10	221(SW )	-0.08	-0.07	274	-0.08	-0.06
(188)	1988	3/22 22: 0	0.05	226(SW )	-0.03	-0.03	274	-0.04	-0.03
(189)	1988	3/23 0: 0	0.06	199(SSW)	-0.06	-0.02	274	-0.06	-0.02
(190)	1988	3/23 2: 0	0.02	231(***)	-0.02	-0.02	274	-0.02	-0.02
(191)	1988	3/23 4: 0	0.06	43(NE )	0.04	0.04	274	0.04	0.04
(192)	1988	3/23 6: 0	0.06	41(NE )	0.05	0.04	274	0.05	0.04
(193)	1988	3/23 8: 0	0.03	229(SW )	-0.02	-0.03	274	-0.02	-0.02
(194)	1988	3/23 10: 0	0.06	219(SW )	-0.04	-0.04	274	-0.05	-0.03
(195)	1988	3/23 12: 0	0.07	228(SW )	-0.05	-0.05	274	-0.05	-0.05
(196)	1988	3/23 14: 0	0.06	245(WSW)	-0.03	-0.05	274	-0.03	-0.05
(197)	1988	3/23 16: 0	0.03	27(***)	0.03	0.01	274	0.03	0.01
(198)	1988	3/23 18: 0	*0.12	24(NNE)	0.11	0.05	274	0.11	0.04
(199)	1988	3/23 20: 0	0.01	136(***)	-0.00	0.00	274	-0.00	0.00
(200)	1988	3/23 22: 0	0.01	150(***)	-0.01	0.00	274	-0.01	0.00
(201)	1988	3/24 0: 0	0.02	278(***)	0.00	-0.02	274	0.00	-0.02
(202)	1988	3/24 2: 0	0.02	328(***)	0.02	-0.01	274	0.01	-0.01
(203)	1988	3/24 4: 0	0.08	45(NE )	0.05	0.05	274	0.06	0.05
(204)	1988	3/24 6: 0	0.13	29(NNE)	0.11	0.06	274	0.11	0.05
(205)	1988	3/24 8: 0	0.04	3(N )	0.04	0.00	274	0.04	0.00
(206)	1988	3/24 10: 0	0.02	313(***)	0.01	-0.01	274	0.01	-0.01
(207)	1988	3/24 12: 0	0.04	349(NNW)	0.04	-0.01	274	0.04	-0.01
(208)	1988	3/24 14: 0	0.06	3(N )	0.05	0.00	274	0.06	0.00
(209)	1988	3/24 16: 0	0.10	25(NNE)	0.09	0.04	274	0.09	0.04
(210)	1988	3/24 18: 0	*0.16	18(NNE)	0.15	0.05	274	0.15	0.04
(211)	1988	3/24 20: 0	0.14	26(NNE)	0.13	0.05	274	0.13	0.05
(212)	1988	3/24 22: 0	0.14	31(NNE)	0.12	0.07	274	0.12	0.07
(213)	1988	3/25 0: 0	0.23	26(NNE)	0.21	0.10	274	0.21	0.09
(214)	1988	3/25 2: 0	0.20	19(NNE)	0.19	0.07	274	0.20	0.05
(215)	1988	3/25 4: 0	0.23	22(NNE)	0.21	0.09	274	0.22	0.07
(216)	1988	3/25 6: 0	*0.34	23(NNE)	0.31	0.13	274	0.32	0.11
(217)	1988	3/25 8: 0	0.30	25(NNE)	0.27	0.13	274	0.28	0.11
(218)	1988	3/25 10: 0	0.26	23(NNE)	0.24	0.10	274	0.24	0.08

	DATE	TIME	(V)	DIRG.	(Vn)	(Ve)	CMP	(x)	(y)	
(219)	1988	3/25	12: 0	0.26	25 (NNE)	0.24	0.11	274	0.24	0.09
(220)	1988	3/25	14: 0	0.21	20 (NNE)	0.20	0.07	274	0.20	0.06
(221)	1988	3/25	16: 0	0.21	21 (NNE)	0.20	0.08	274	0.21	0.06
(222)	1988	3/25	18: 0	0.26	25 (NNE)	0.23	0.11	274	0.24	0.09
(223)	1988	3/25	20: 0	0.24	22 (NNE)	0.22	0.09	274	0.22	0.07
(224)	1988	3/25	22: 0	0.23	28 (NNE)	0.20	0.11	274	0.21	0.09
(225)	1988	3/26	0: 0	0.21	25 (NNE)	0.19	0.09	274	0.20	0.07
(226)	1988	3/26	2: 0	0.17	25 (NNE)	0.15	0.07	274	0.16	0.06
(227)	1988	3/26	4: 0	0.21	16 (NNE)	0.21	0.06	274	0.21	0.05
(228)	1988	3/26	6: 0	0.24	17 (NNE)	0.23	0.07	274	0.24	0.05
(229)	1988	3/26	8: 0	0.25	25 (NNE)	0.23	0.10	274	0.24	0.09
(230)	1988	3/26	10: 0	*0.27	26 (NNE)	0.24	0.12	274	0.25	0.10

COMMENT KUTA south point



Table Current Velocity and Direction (Nusa Dua north point)

SENSITIVITY X=1.816    SENSITIVITY Y=1.847    DATA NUMBERS=1022

	DATE	TIME	(V)	DIRG.	(Vn)	(Vc)	OMP	(x)	(y)
( 0)	0	0/ 0 0: 0	*0.00	0(***)	0.00	0.00	0	0.00	0.00
( 0)	0	0/ 0 0: 0	0.00	0(***)	0.00	0.00	0	0.00	0.00
( 0)	0	0/ 0 0: 0	0.00	0(***)	0.00	0.00	0	0.00	0.00
( 0)	0	0/ 0 0: 0	0.00	0(***)	0.00	0.00	0	0.00	0.00
( 5)	1988	5/ 4 12: 0	1.30	95(E )	-0.11	1.30	4	1.30	0.02
( 6)	1988	5/ 4 14: 0	*1.34	96(E )	-0.15	1.33	4	1.33	0.06
( 7)	1988	5/ 4 16: 0	0.96	89(E )	0.01	0.96	4	0.95	0.08
( 8)	1988	5/ 4 18: 0	0.72	84(E )	0.07	0.71	4	0.71	0.12
( 9)	1988	5/ 4 20: 0	0.80	54(NE )	0.47	0.64	4	0.61	-0.51
(10)	1988	5/ 4 22: 0	1.05	167(SSW)	1.02	0.24	39	1.02	-0.23
(11)	1988	5/ 5 0: 0	0.05	339(NNW)	0.05	-0.02	163	0.00	0.05
(12)	1988	5/ 5 2: 0	0.05	123(ENE)	-0.03	0.04	163	-0.03	-0.04
(13)	1988	5/ 5 4: 0	0.11	110(ENE)	-0.04	0.11	163	-0.09	-0.07
(14)	1988	5/ 5 6: 0	0.13	130(SE )	-0.08	0.10	163	-0.07	-0.11
(15)	1988	5/ 5 8: 0	0.07	276(W )	0.01	-0.07	163	0.06	0.03
(16)	1988	5/ 5 10: 0	0.06	96(E )	-0.01	0.06	163	-0.06	-0.02
(17)	1988	5/ 5 12: 0	0.04	77(ESE)	0.01	0.03	163	-0.04	-0.00
(18)	1988	5/ 5 14: 0	*0.16	99(E )	-0.03	0.16	163	-0.15	-0.07
(19)	1988	5/ 5 16: 0	0.16	94(E )	-0.01	0.16	163	-0.15	-0.06
(20)	1988	5/ 5 18: 0	0.02	157(***)	-0.02	0.01	163	-0.00	-0.02
(21)	1988	5/ 5 20: 0	0.09	114(ENE)	-0.04	0.08	163	-0.07	-0.06
(22)	1988	5/ 5 22: 0	0.09	276(W )	0.01	-0.09	163	0.09	0.04
(23)	1988	5/ 6 0: 0	0.03	187(***)	-0.03	-0.00	163	0.01	-0.02
(24)	1988	5/ 6 2: 0	0.06	126(SE )	-0.03	0.05	163	-0.04	-0.05
(25)	1988	5/ 6 4: 0	*0.24	98(E )	-0.03	0.24	163	-0.22	-0.10
(26)	1988	5/ 6 6: 0	0.13	127(SE )	-0.08	0.11	163	-0.08	-0.11
(27)	1988	5/ 6 8: 0	0.02	251(***)	-0.01	-0.02	163	0.02	-0.00
(28)	1988	5/ 6 10: 0	0.03	233(SW )	-0.02	-0.02	163	0.03	-0.01
(29)	1988	5/ 6 12: 0	0.01	209(***)	-0.01	-0.01	163	0.01	-0.01
(30)	1988	5/ 6 14: 0	0.09	92(E )	-0.00	0.09	163	-0.09	-0.03
(31)	1988	5/ 6 16: 0	0.17	108(ESE)	-0.05	0.16	163	-0.14	-0.10
(32)	1988	5/ 6 18: 0	0.05	113(ENE)	-0.02	0.04	163	-0.04	-0.03
(33)	1988	5/ 6 20: 0	0.03	103(ENE)	-0.01	0.03	163	-0.03	-0.02
(34)	1988	5/ 6 22: 0	0.08	312(NW )	0.05	-0.06	163	0.04	0.07
(35)	1988	5/ 7 0: 0	0.03	240(***)	-0.01	-0.02	163	0.02	-0.01
(36)	1988	5/ 7 2: 0	0.03	209(***)	-0.02	-0.01	163	0.02	-0.02
(37)	1988	5/ 7 4: 0	0.07	124(SE )	-0.04	0.06	163	-0.04	-0.05
(38)	1988	5/ 7 6: 0	0.07	123(ENE)	-0.04	0.06	163	-0.05	-0.06
(39)	1988	5/ 7 8: 0	0.02	161(***)	0.02	0.01	163	-0.00	-0.02
(40)	1988	5/ 7 10: 0	0.06	279(W )	0.01	-0.05	163	0.05	0.02
(41)	1988	5/ 7 12: 0	0.01	186(***)	-0.01	-0.00	163	0.00	-0.01
(42)	1988	5/ 7 14: 0	0.03	130(SE )	-0.02	0.02	163	-0.02	-0.03
(43)	1988	5/ 7 16: 0	0.10	100(E )	-0.02	0.10	163	-0.09	-0.05
(44)	1988	5/ 7 18: 0	*0.12	99(E )	-0.02	0.12	163	-0.11	-0.05
(45)	1988	5/ 7 20: 0	0.04	135(SE )	-0.03	0.03	163	-0.02	-0.04
(46)	1988	5/ 7 22: 0	0.03	286(***)	0.01	-0.03	163	0.02	0.02
(47)	1988	5/ 8 0: 0	0.06	285(WNW)	0.01	-0.06	163	0.05	0.03
(48)	1988	5/ 8 2: 0	0.03	187(***)	-0.03	-0.00	163	0.01	-0.02
(49)	1988	5/ 8 4: 0	0.03	103(ENE)	-0.01	0.03	163	-0.03	-0.02
(50)	1988	5/ 8 6: 0	0.13	110(ENE)	-0.05	0.12	163	-0.10	-0.08
(51)	1988	5/ 8 8: 0	0.04	132(SE )	0.03	0.03	163	0.02	-0.03
(52)	1988	5/ 8 10: 0	0.01	216(***)	-0.01	-0.00	163	0.01	-0.00
(53)	1988	5/ 8 12: 0	0.05	90(E )	-0.00	0.05	163	-0.05	-0.02
(54)	1988	5/ 8 14: 0	0.07	65(ESE)	0.03	0.06	163	-0.06	0.01
(55)	1988	5/ 8 16: 0	*0.20	91(E )	-0.00	0.20	163	-0.19	-0.06
(56)	1988	5/ 8 18: 0	0.19	89(E )	0.00	0.19	163	-0.18	-0.05
(57)	1988	5/ 8 20: 0	0.18	94(E )	-0.01	0.18	163	-0.17	-0.06
(58)	1988	5/ 8 22: 0	0.17	112(ENE)	-0.06	0.16	163	-0.14	-0.11
(59)	1988	5/ 9 0: 0	0.02	210(***)	-0.02	-0.01	163	0.01	-0.01
(60)	1988	5/ 9 2: 0	0.03	198(***)	-0.03	-0.01	163	0.02	-0.02
(61)	1988	5/ 9 4: 0	0.03	69(***)	0.01	0.03	163	-0.03	0.00
(62)	1988	5/ 9 6: 0	*0.20	108(ENE)	-0.06	0.19	163	-0.16	-0.12
(63)	1988	5/ 9 8: 0	0.18	90(E )	0.00	0.18	163	-0.17	-0.05
(64)	1988	5/ 9 10: 0	0.10	99(E )	-0.01	0.10	163	-0.09	-0.04
(65)	1988	5/ 9 12: 0	0.08	86(E )	0.01	0.08	163	-0.08	-0.02
(66)	1988	5/ 9 14: 0	0.07	104(ENE)	-0.02	0.07	163	-0.06	-0.04
(67)	1988	5/ 9 16: 0	0.14	108(ENE)	-0.04	0.13	163	-0.11	-0.08
(68)	1988	5/ 9 18: 0	0.10	98(E )	-0.01	0.10	163	-0.09	0.04
(69)	1988	5/ 9 20: 0	0.16	102(ENE)	-0.03	0.16	163	-0.14	-0.08
(70)	1988	5/ 9 22: 0	0.17	102(ENE)	-0.03	0.17	163	-0.15	-0.08

	DATE	TIME	(V)	DEG.	(Vn)	(Ve)	CMP	(x)	(y)	
( 71)	1988	5/10	0: 0	0.11	126(SK )	-0.06	0.09	163	-0.06	-0.09
( 72)	1988	5/10	2: 0	0.06	275(W )	0.00	-0.05	163	0.04	0.02
( 73)	1988	5/10	4: 0	0.02	237(***)	-0.01	-0.01	163	0.02	-0.00
( 74)	1988	5/10	6: 0	0.08	116(ESE)	-0.03	0.07	163	-0.06	-0.05
( 75)	1988	5/10	8: 0	0.09	105(ESK)	-0.02	0.09	163	-0.08	-0.05
( 76)	1988	5/10	10: 0	0.11	89(E )	0.00	0.11	163	-0.10	-0.03
( 77)	1988	5/10	12: 0	0.04	87(E )	0.00	0.04	163	-0.04	-0.01
( 78)	1988	5/10	14: 0	0.07	105(ESE)	-0.02	0.07	163	-0.06	-0.04
( 79)	1988	5/10	16: 0	0.06	99(E )	-0.01	0.06	163	-0.06	-0.03
( 80)	1988	5/10	18: 0	0.05	101(E )	-0.01	0.05	163	-0.04	-0.02
( 81)	1988	5/10	20: 0	0.09	93(E )	-0.01	0.09	163	-0.09	-0.03
( 82)	1988	5/10	22: 0	*0.17	89(E )	0.00	0.17	163	-0.16	-0.05
( 83)	1988	5/11	0: 0	0.11	89(E )	0.00	0.11	163	-0.11	-0.03
( 84)	1988	5/11	2: 0	0.13	100(E )	-0.02	0.13	163	-0.12	-0.06
( 85)	1988	5/11	4: 0	0.04	124(ESE)	-0.02	0.03	163	-0.03	-0.03
( 86)	1988	5/11	6: 0	0.02	37(***)	0.02	0.01	163	-0.02	0.01
( 87)	1988	5/11	8: 0	0.10	108(ESK)	-0.03	0.09	163	-0.08	-0.05
( 88)	1988	5/11	10: 0	*0.26	92(E )	-0.01	0.26	163	-0.25	-0.08
( 89)	1988	5/11	12: 0	0.21	86(E )	0.01	0.21	163	-0.20	-0.05
( 90)	1988	5/11	14: 0	0.24	94(E )	-0.02	0.23	163	-0.22	-0.08
( 91)	1988	5/11	16: 0	0.20	105(ESK)	-0.05	0.19	163	-0.17	-0.10
( 92)	1988	5/11	18: 0	0.05	121(ESK)	-0.03	0.05	163	-0.04	-0.04
( 93)	1988	5/11	20: 0	0.06	105(ESK)	-0.02	0.06	163	-0.05	-0.03
( 94)	1988	5/11	22: 0	0.22	104(ESE)	-0.05	0.21	163	-0.19	-0.11
( 95)	1988	5/12	0: 0	*0.27	95(E )	-0.02	0.27	163	-0.25	-0.10
( 96)	1988	5/12	2: 0	0.24	95(E )	-0.02	0.24	163	-0.22	-0.09
( 97)	1988	5/12	4: 0	0.17	101(E )	-0.03	0.16	163	-0.15	-0.08
( 98)	1988	5/12	6: 0	0.08	99(E )	-0.01	0.08	163	-0.07	-0.04
( 99)	1988	5/12	8: 0	0.08	85(E )	0.01	0.08	163	-0.08	-0.02
(100)	1988	5/12	10: 0	0.20	104(ESK)	-0.05	0.19	163	-0.17	-0.10
(101)	1988	5/12	12: 0	0.22	90(E )	0.00	0.22	163	-0.21	-0.06
(102)	1988	5/12	14: 0	0.13	92(E )	-0.01	0.13	163	-0.13	-0.04
(103)	1988	5/12	16: 0	0.14	105(ESE)	-0.04	0.14	163	-0.12	-0.08
(104)	1988	5/12	18: 0	0.03	215(SW)	-0.03	0.02	163	0.02	-0.02
(105)	1988	5/12	20: 0	0.01	158(***)	-0.01	0.00	163	-0.00	-0.01
(106)	1988	5/12	22: 0	0.09	105(ESE)	0.02	0.09	163	-0.08	-0.05
(107)	1988	5/13	0: 0	0.24	95(E )	-0.02	0.24	163	-0.23	-0.09
(108)	1988	5/13	2: 0	0.10	98(E )	-0.01	0.10	163	-0.09	-0.04
(109)	1988	5/13	4: 0	0.12	95(E )	-0.01	0.12	163	-0.11	-0.05
(110)	1988	5/13	6: 0	0.19	88(E )	0.01	0.19	163	-0.19	-0.05
(111)	1988	5/13	8: 0	0.08	104(ESK)	-0.02	0.07	163	-0.07	-0.04
(112)	1988	5/13	10: 0	0.13	119(ESK)	-0.06	0.12	163	-0.09	-0.10
(113)	1988	5/13	12: 0	*0.39	94(E )	-0.02	0.29	163	-0.27	-0.10
(114)	1988	5/13	14: 0	0.21	96(E )	-0.02	0.21	163	-0.20	-0.08
(115)	1988	5/13	16: 0	0.23	87(E )	0.01	0.23	163	-0.22	-0.06
(116)	1988	5/13	18: 0	0.13	82(E )	0.02	0.13	163	-0.13	-0.02
(117)	1988	5/13	20: 0	0.04	254(WSW)	-0.01	-0.04	163	0.04	0.00
(118)	1988	5/13	22: 0	0.08	128(SK )	-0.05	0.06	163	-0.04	-0.06
(119)	1988	5/14	0: 0	*0.27	92(E )	-0.01	0.27	163	-0.26	-0.09
(120)	1988	5/14	2: 0	0.14	107(ESK)	-0.04	0.13	163	-0.11	-0.08
(121)	1988	5/14	4: 0	0.01	196(***)	0.01	0.00	163	0.00	-0.01
(122)	1988	5/14	6: 0	0.06	125(SK )	-0.03	0.05	163	-0.03	-0.04
(123)	1988	5/14	8: 0	0.07	202(SSW)	-0.06	0.02	163	0.04	-0.05
(124)	1988	5/14	10: 0	0.12	119(ESK)	-0.06	0.11	163	-0.08	-0.09
(125)	1988	5/14	12: 0	0.15	97(E )	-0.02	0.15	163	-0.14	-0.06
(126)	1988	5/14	14: 0	0.09	94(E )	-0.01	0.09	163	-0.08	-0.03
(127)	1988	5/14	16: 0	0.04	112(ESK)	-0.02	0.04	163	-0.03	-0.03
(128)	1988	5/14	18: 0	0.02	232(***)	-0.02	0.02	163	0.02	-0.01
(129)	1988	5/14	20: 0	0.04	283(WNW)	0.01	-0.04	163	0.04	0.02
(130)	1988	5/14	22: 0	0.01	44(***)	0.00	0.00	163	-0.01	0.00
(131)	1988	5/15	0: 0	0.11	118(ESK)	-0.05	0.09	163	-0.07	-0.08
(132)	1988	5/15	2: 0	0.09	108(ESK)	-0.03	0.08	163	-0.07	-0.05
(133)	1988	5/15	4: 0	0.05	127(SK )	0.03	0.04	161	-0.03	-0.04
(134)	1988	5/15	6: 0	0.10	278(W )	0.01	-0.10	161	0.09	0.04
(135)	1988	5/15	8: 0	0.02	206(***)	-0.01	0.01	161	0.01	-0.01
(136)	1988	5/15	10: 0	0.04	142(SE )	-0.03	0.02	161	-0.01	-0.04
(137)	1988	5/15	12: 0	0.15	113(ESK)	-0.06	0.14	161	-0.11	-0.10
(138)	1988	5/15	14: 0	*0.18	89(E )	0.00	0.18	161	-0.17	-0.05
(139)	1988	5/15	16: 0	0.06	107(ESK)	-0.02	0.05	161	-0.06	-0.03
(140)	1988	5/15	18: 0	0.16	97(E )	-0.02	0.16	161	-0.15	-0.07
(141)	1988	5/15	20: 0	0.02	271(***)	0.00	-0.02	161	0.02	0.01
(142)	1988	5/15	22: 0	0.02	205(***)	-0.02	-0.01	161	0.01	-0.01
(143)	1988	5/16	0: 0	0.12	105(ESK)	-0.03	0.11	161	-0.10	-0.06
(144)	1988	5/16	2: 0	*0.21	87(E )	0.01	0.21	161	-0.21	-0.06

	DATE	TIME	(V)	DEG.	(Vn)	(Ve)	OMP	(x)	(y)	
(145)	1988	5/16	4: 0	0.09	158(SSE)	-0.09	0.03	161	-0.00	-0.09
(146)	1988	5/16	6: 0	0.04	264(W )	-0.00	-0.04	161	0.04	0.01
(147)	1988	5/16	8: 0	0.01	273(***)	0.00	-0.01	161	0.01	0.00
(148)	1988	5/16	10: 0	0.03	240(WSW)	-0.02	-0.03	161	0.03	-0.01
(149)	1988	5/16	12: 0	0.05	124(ESE)	-0.03	0.04	161	-0.03	-0.04
(150)	1988	5/16	14: 0	0.11	100(E )	-0.02	0.11	161	-0.10	-0.05
(151)	1988	5/16	16: 0	0.02	201(+++)	-0.02	-0.01	161	0.01	-0.02
(152)	1988	5/16	18: 0	0.04	150(SSE)	-0.03	0.02	161	-0.01	-0.03
(153)	1988	5/16	20: 0	0.02	293(***)	0.01	0.02	161	0.02	0.01
(154)	1988	5/16	22: 0	0.03	261(W )	-0.01	-0.03	161	0.03	0.01
(155)	1988	5/17	0: 0	0.05	131(SE )	-0.03	0.04	161	-0.02	-0.04
(156)	1988	5/17	2: 0	*0.12	110(ESE)	-0.04	0.12	161	-0.10	-0.08
(157)	1988	5/17	4: 0	0.08	140(SE)	-0.05	0.05	161	-0.03	-0.08
(158)	1988	5/17	6: 0	0.02	168(***)	-0.02	0.00	161	0.00	-0.02
(159)	1988	5/17	8: 0	0.06	266(W )	-0.00	-0.06	161	0.06	0.02
(160)	1988	5/17	10: 0	0.05	264(W )	-0.01	-0.05	161	0.05	0.01
(161)	1988	5/17	12: 0	0.04	180(S )	-0.04	-0.01	161	0.02	-0.03
(162)	1988	5/17	14: 0	0.10	97(E )	-0.01	0.10	161	-0.09	-0.04
(163)	1988	5/17	16: 0	0.02	131(***)	-0.02	0.02	161	-0.01	-0.02
(164)	1988	5/17	18: 0	0.02	135(***)	-0.01	0.01	161	-0.01	-0.02
(165)	1988	5/17	20: 0	0.09	309(NW )	0.06	-0.07	161	0.05	0.08
(166)	1988	5/17	22: 0	0.04	236(SW )	-0.02	-0.03	161	0.04	-0.01
(167)	1988	5/18	0: 0	0.02	119(***)	-0.01	0.02	161	-0.01	-0.02
(168)	1988	5/18	2: 0	0.07	133(SE)	-0.05	0.05	161	-0.03	-0.06
(169)	1988	5/18	4: 0	0.06	109(ESE)	-0.02	0.05	161	-0.04	-0.03
(170)	1988	5/18	6: 0	0.03	136(***)	-0.02	0.02	161	-0.01	-0.02
(171)	1988	5/18	8: 0	*0.10	276(W )	0.01	-0.10	161	0.09	0.04
(172)	1988	5/18	10: 0	0.05	261(W )	-0.01	0.05	161	0.05	0.01
(173)	1988	5/18	12: 0	0.03	231(SW )	-0.02	-0.03	161	0.03	-0.01
(174)	1988	5/18	14: 0	0.03	139(***)	-0.02	0.02	161	-0.01	-0.02
(175)	1988	5/18	16: 0	0.06	98(E )	-0.01	0.06	161	-0.05	-0.03
(176)	1988	5/18	18: 0	0.02	234(***)	-0.01	-0.02	161	0.02	-0.01
(177)	1988	5/18	20: 0	0.04	143(SE)	-0.03	0.03	161	-0.01	-0.04
(178)	1988	5/18	22: 0	0.03	269(W )	-0.00	-0.03	161	0.03	0.01

COMMENT Nusa Dua north point

Table Current Velocity and Direction (Nusa Dua south point)

		SENSITIVITY X=1.830		SENSITIVITY Y=1.938		DATA NUMBERS=1022			
		DATE	TIME	(V)	DEG.	(V <sub>x</sub> )	(V <sub>y</sub> )	CMP	(x) (y)
( 1 )	1988	5/ 4	10: 0	*1.53	183(S )	-1.53	-0.09	220	-0.91 -1.23
( 2 )	1988	5/ 4	12: 0	1.23	290(WNW)	0.42	-1.16	326	-0.72 -1.00
( 3 )	1988	5/ 4	14: 0	1.31	308(NW )	0.81	-1.03	326	-0.40 -1.24
( 4 )	1988	5/ 4	16: 0	0.54	99(E )	-0.08	0.54	7	0.54 0.02
( 5 )	1988	5/ 4	18: 0	0.13	256(WSW)	-0.03	-0.13	7	-0.12 0.05
( 6 )	1988	5/ 4	20: 0	0.33	288(WNW)	0.10	-0.31	7	-0.32 -0.06
( 7 )	1988	5/ 4	22: 0	0.20	358(N )	0.20	-0.01	7	-0.03 -0.19
( 8 )	1988	5/ 5	0: 0	0.09	335(NNW)	0.08	-0.04	7	-0.05 -0.08
( 9 )	1988	5/ 5	2: 0	0.24	355(N )	0.24	0.02	7	-0.05 -0.24
( 10 )	1988	5/ 5	4: 0	0.03	337(++ )	0.02	0.01	7	-0.01 -0.02
( 11 )	1988	5/ 5	6: 0	0.04	16(NNE)	0.04	0.01	7	0.01 -0.04
( 12 )	1988	5/ 5	8: 0	0.08	347(NNW)	0.08	-0.02	7	-0.03 -0.08
( 13 )	1988	5/ 5	10: 0	0.17	334(NNW)	0.15	-0.07	7	-0.09 -0.14
( 14 )	1988	5/ 5	12: 0	0.12	320(NW )	0.09	-0.08	7	-0.09 -0.08
( 15 )	1988	5/ 5	14: 0	0.14	334(NNW)	0.12	-0.06	7	-0.07 -0.11
( 16 )	1988	5/ 5	16: 0	*0.27	315(NW )	0.19	-0.20	295	0.09 -0.26
( 17 )	1988	5/ 5	18: 0	0.21	236(WSW)	-0.12	-0.17	295	-0.18 -0.11
( 18 )	1988	5/ 5	20: 0	0.05	24(NNE)	0.04	0.02	295	0.05 -0.00
( 19 )	1988	5/ 5	22: 0	0.13	316(NW )	0.09	-0.09	295	0.05 -0.12
( 20 )	1988	5/ 6	0: 0	0.13	326(NW )	0.11	-0.07	295	0.07 -0.11
( 21 )	1988	5/ 6	2: 0	0.09	322(NW )	0.07	-0.05	295	0.04 -0.08
( 22 )	1988	5/ 6	4: 0	0.22	332(NNW)	0.19	-0.10	295	0.13 -0.18
( 23 )	1988	5/ 6	6: 0	0.14	321(NW )	0.11	-0.09	295	0.05 -0.12
( 24 )	1988	5/ 6	8: 0	0.14	336(NNW)	0.13	-0.06	295	0.09 -0.10
( 25 )	1988	5/ 6	10: 0	0.09	276(W )	0.01	-0.09	295	-0.03 -0.08
( 26 )	1988	5/ 6	12: 0	0.06	305(NW )	0.03	-0.05	295	0.01 -0.06
( 27 )	1988	5/ 6	14: 0	0.06	311(NW )	0.04	0.04	295	0.02 -0.06
( 28 )	1988	5/ 6	16: 0	0.14	327(NNW)	0.11	-0.07	295	0.07 -0.11
( 29 )	1988	5/ 6	18: 0	0.39	111(ESE)	-0.14	0.37	295	0.03 0.39
( 30 )	1988	5/ 6	20: 0	*1.56	295(WNW)	0.66	-1.41	295	0.00 -1.56
( 31 )	1988	5/ 6	22: 0	0.14	326(NW )	0.11	-0.08	295	0.07 -0.12
( 32 )	1988	5/ 7	0: 0	0.11	330(NNW)	0.09	-0.05	295	0.06 -0.09
( 33 )	1988	5/ 7	2: 0	0.09	327(NNW)	0.07	-0.05	295	0.05 -0.08
( 34 )	1988	5/ 7	4: 0	0.16	329(NNW)	0.14	-0.09	295	0.09 -0.14
( 35 )	1988	5/ 7	6: 0	*0.22	329(NNW)	0.19	-0.11	295	0.12 -0.18
( 36 )	1988	5/ 7	8: 0	0.09	334(NNW)	0.08	0.04	295	0.06 -0.07
( 37 )	1988	5/ 7	10: 0	0.07	293(WNW)	0.03	0.07	295	-0.00 -0.07
( 38 )	1988	5/ 7	12: 0	0.05	327(NNW)	0.05	0.03	295	0.03 -0.05
( 39 )	1988	5/ 7	14: 0	0.00	14(++ )	0.00	0.00	295	0.00 -0.00
( 40 )	1988	5/ 7	16: 0	0.05	309(NW )	0.03	0.04	295	0.01 -0.05
( 41 )	1988	5/ 7	18: 0	0.20	328(NNW)	0.17	-0.10	295	0.11 -0.16
( 42 )	1988	5/ 7	20: 0	0.01	207(++ )	-0.01	-0.01	295	-0.01 -0.00
( 43 )	1988	5/ 7	22: 0	0.08	162(SSE)	-0.08	0.03	295	-0.06 0.06
( 44 )	1988	5/ 8	0: 0	0.05	337(NNW)	0.04	-0.02	295	0.03 -0.04
( 45 )	1988	5/ 8	2: 0	0.03	324(NW )	0.03	-0.02	295	0.02 -0.03
( 46 )	1988	5/ 8	4: 0	0.05	324(NW )	0.04	0.03	295	0.02 -0.04
( 47 )	1988	5/ 8	6: 0	0.15	332(NNW)	0.14	-0.07	295	0.09 -0.12
( 48 )	1988	5/ 8	8: 0	0.02	300(++ )	0.01	-0.02	295	0.00 -0.02
( 49 )	1988	5/ 8	10: 0	0.02	165(++ )	-0.02	0.00	295	-0.01 0.01
( 50 )	1988	5/ 8	12: 0	0.02	190(++ )	-0.02	-0.00	295	-0.02 0.01
( 51 )	1988	5/ 8	14: 0	0.01	47(++ )	0.01	0.01	295	0.01 0.00
( 52 )	1988	5/ 8	16: 0	0.03	281(++ )	0.01	-0.03	295	-0.01 -0.03
( 53 )	1988	5/ 8	18: 0	0.08	340(NNW)	0.07	0.03	295	0.06 -0.06
( 54 )	1988	5/ 8	20: 0	*0.16	325(NW )	0.12	-0.09	295	0.08 -0.14
( 55 )	1988	5/ 8	22: 0	0.06	318(NW )	0.05	-0.04	295	0.02 -0.06
( 56 )	1988	5/ 9	0: 0	0.12	336(NNW)	0.11	-0.05	295	0.08 -0.09
( 57 )	1988	5/ 9	2: 0	0.22	330(NNW)	0.19	-0.11	295	0.13 -0.18
( 58 )	1988	5/ 9	4: 0	0.17	330(NNW)	0.15	-0.09	295	0.10 -0.14
( 59 )	1988	5/ 9	6: 0	0.19	338(NNW)	0.17	-0.07	295	0.12 -0.14
( 60 )	1988	5/ 9	8: 0	0.20	334(NNW)	0.18	-0.09	295	0.12 -0.15
( 61 )	1988	5/ 9	10: 0	0.06	328(NNW)	0.05	-0.03	295	0.03 -0.05
( 62 )	1988	5/ 9	12: 0	0.06	314(NW )	0.04	0.04	295	0.02 -0.06
( 63 )	1988	5/ 9	14: 0	0.13	322(NW )	0.10	-0.08	295	0.06 -0.11
( 64 )	1988	5/ 9	16: 0	0.07	334(NNW)	0.06	-0.03	295	0.04 -0.05
( 65 )	1988	5/ 9	18: 0	0.21	329(NNW)	0.13	-0.11	295	0.11 -0.17
( 66 )	1988	5/ 9	20: 0	0.26	334(NNW)	0.23	-0.12	295	0.16 -0.20
( 67 )	1988	5/ 9	22: 0	*0.30	334(NNW)	0.27	-0.13	295	0.19 -0.23
( 68 )	1988	5/10	0: 0	0.21	328(NNW)	0.18	-0.11	295	0.11 -0.17
( 69 )	1988	5/10	2: 0	0.17	330(NNW)	0.14	-0.08	295	0.10 -0.14
( 70 )	1988	5/10	4: 0	0.14	334(NNW)	0.13	-0.06	295	0.09 -0.11
( 71 )	1988	5/10	6: 0	0.17	334(NNW)	0.16	-0.08	295	0.11 -0.14
( 72 )	1988	5/10	8: 0	*0.23	325(NW )	0.19	-0.13	295	0.12 -0.20

	DATE	TIME	(V)	DIR.	(V <sub>n</sub> )	(V <sub>e</sub> )	OMP	(x)	(y)
( 73)	1988	5/10 10: 0	0.17	324(NW )	0.14	0.10	295	0.08	-0.15
( 74)	1988	5/10 12: 0	0.08	319(NW )	0.06	0.05	295	0.03	-0.07
( 75)	1988	5/10 14: 0	0.06	319(NW )	0.05	0.04	295	0.03	-0.06
( 76)	1988	5/10 16: 0	0.06	313(NW )	0.04	0.05	295	0.02	-0.06
( 77)	1988	5/10 18: 0	0.10	325(NW )	0.08	0.06	295	0.05	-0.09
( 78)	1988	5/10 20: 0	0.08	338(NNW)	0.07	0.03	295	0.05	-0.05
( 79)	1988	5/10 22: 0	0.22	337(NNW)	0.20	-0.09	295	0.15	-0.16
( 80)	1988	5/11 0: 0	0.22	336(NNW)	0.20	-0.09	295	0.15	-0.17
( 81)	1988	5/11 2: 0	0.17	330(NNW)	0.15	-0.09	295	0.10	-0.14
( 82)	1988	5/11 4: 0	0.13	325(NW )	0.10	0.07	295	0.06	-0.11
( 83)	1988	5/11 6: 0	0.12	313(NW )	0.08	-0.09	295	0.04	-0.11
( 84)	1988	5/11 8: 0	0.19	337(NNW)	0.18	-0.08	295	0.13	-0.14
( 85)	1988	5/11 10: 0	0.20	331(NNW)	0.18	0.10	295	0.12	-0.16
( 86)	1988	5/11 12: 0	0.13	336(NNW)	0.12	-0.05	295	0.08	-0.10
( 87)	1988	5/11 14: 0	0.19	330(NNW)	0.16	-0.03	295	0.11	-0.15
( 88)	1988	5/11 16: 0	0.09	335(NNW)	0.08	0.04	295	0.06	-0.07
( 89)	1988	5/11 18: 0	0.14	348(NNW)	0.14	0.03	295	0.11	-0.09
( 90)	1988	5/11 20: 0	0.16	344(NNW)	0.15	-0.04	295	0.12	-0.10
( 91)	1988	5/11 22: 0	*0.24	339(NNW)	0.22	0.09	295	0.17	-0.17
( 92)	1988	5/12 0: 0	*0.41	334(NNW)	0.37	-0.18	295	0.26	-0.32
( 93)	1988	5/12 2: 0	0.31	338(NNW)	0.28	0.11	295	0.21	-0.22
( 94)	1988	5/12 4: 0	0.23	339(NNW)	0.22	-0.08	295	0.16	-0.17
( 95)	1988	5/12 6: 0	0.20	335(NNW)	0.19	-0.09	295	0.13	-0.16
( 96)	1988	5/12 8: 0	0.09	326(NNW)	0.08	-0.05	295	0.05	-0.08
( 97)	1988	5/12 10: 0	0.14	331(NNW)	0.12	-0.07	295	0.08	-0.11
( 98)	1988	5/12 12: 0	0.30	335(NNW)	0.27	-0.13	295	0.20	-0.23
( 99)	1988	5/12 14: 0	0.30	336(NNW)	0.27	-0.12	295	0.20	-0.22
(100)	1988	5/12 16: 0	0.13	328(NNW)	0.11	0.07	295	0.07	-0.11
(101)	1988	5/12 18: 0	0.11	345(NNW)	0.11	0.05	295	0.08	-0.07
(102)	1988	5/12 20: 0	0.08	346(NNW)	0.08	0.02	295	0.07	-0.05
(103)	1988	5/12 22: 0	0.18	341(NNW)	0.17	0.06	295	0.13	-0.12
(104)	1988	5/13 0: 0	0.29	341(NNW)	0.28	-0.10	295	0.21	-0.21
(105)	1988	5/13 2: 0	0.38	335(NNW)	0.34	-0.16	295	0.24	-0.29
(106)	1988	5/13 4: 0	0.21	339(NNW)	0.20	0.08	295	0.15	-0.16
(107)	1988	5/13 6: 0	0.07	335(NNW)	0.06	0.03	295	0.04	-0.05
(108)	1988	5/13 8: 0	0.07	326(NW )	0.06	-0.04	295	0.04	-0.06
(109)	1988	5/13 10: 0	0.10	324(NW )	0.08	-0.06	295	0.05	-0.09
(110)	1988	5/13 12: 0	0.21	339(NNW)	0.20	-0.08	295	0.15	-0.15
(111)	1988	5/13 14: 0	*0.38	327(NNW)	0.32	-0.21	295	0.20	-0.33
(112)	1988	5/13 16: 0	0.19	334(NNW)	0.17	-0.08	295	0.12	-0.16
(113)	1988	5/13 18: 0	0.12	342(NNW)	0.11	0.03	295	0.09	-0.08
(114)	1988	5/13 20: 0	0.09	339(NNW)	0.09	-0.03	295	0.07	-0.07
(115)	1988	5/13 22: 0	0.10	340(NNW)	0.10	-0.03	295	0.07	-0.07
(116)	1988	5/14 0: 0	0.13	345(NNW)	0.13	-0.04	295	0.10	-0.09
(117)	1988	5/14 2: 0	0.32	333(NNW)	0.28	0.15	295	0.20	-0.25
(118)	1988	5/14 4: 0	0.20	335(NNW)	0.18	0.09	295	0.13	-0.16
(119)	1988	5/14 6: 0	0.07	327(NNW)	0.06	0.04	295	0.04	-0.06
(120)	1988	5/14 8: 0	0.06	350(N )	0.06	0.01	295	0.05	-0.04
(121)	1988	5/14 10: 0	0.03	315(+++)	0.02	-0.02	295	0.01	-0.02
(122)	1988	5/14 12: 0	0.08	342(NNW)	0.07	-0.02	295	0.06	-0.05
(123)	1988	5/14 14: 0	*0.36	326(NW )	0.29	-0.20	295	0.18	-0.31
(124)	1988	5/14 16: 0	0.03	335(NNW)	0.03	-0.01	295	0.02	-0.02
(125)	1988	5/14 18: 0	0.17	335(NNW)	0.15	0.07	295	0.11	-0.13
(126)	1988	5/14 20: 0	0.11	325(NW )	0.09	0.06	295	0.05	-0.09
(127)	1988	5/14 22: 0	0.04	7(N )	0.04	0.01	295	0.04	-0.01
(128)	1988	5/15 0: 0	0.09	353(N )	0.09	0.01	295	0.08	-0.05
(129)	1988	5/15 2: 0	0.26	332(NNW)	0.23	-0.12	295	0.16	-0.21
(130)	1988	5/15 4: 0	0.16	336(NNW)	0.15	0.06	295	0.11	-0.12
(131)	1988	5/15 6: 0	0.10	305(NW )	0.06	0.08	295	0.02	-0.10
(132)	1988	5/15 8: 0	0.08	322(NW )	0.06	-0.05	295	0.04	-0.07
(133)	1988	5/15 10: 0	0.06	292(WNW)	0.02	-0.01	295	-0.00	-0.05
(134)	1988	5/15 12: 0	0.09	306(NW )	0.05	-0.07	295	0.02	-0.09
(135)	1988	5/15 14: 0	*0.28	329(NNW)	0.24	0.14	295	0.16	-0.23
(136)	1988	5/15 16: 0	0.01	95(+++)	-0.00	0.01	295	0.00	0.01
(137)	1988	5/15 18: 0	0.04	199(SSW)	-0.04	-0.01	295	-0.04	0.00
(138)	1988	5/15 20: 0	0.07	46(NE )	0.05	0.05	295	0.07	0.03
(139)	1988	5/15 22: 0	0.03	321(NW )	0.02	0.02	295	0.01	-0.03
(140)	1988	5/16 0: 0	0.10	12(NNE)	0.10	0.02	295	0.10	-0.02
(141)	1988	5/16 2: 0	*0.35	334(NNW)	0.32	-0.15	295	0.22	-0.27
(142)	1988	5/16 4: 0	0.31	328(NNW)	0.26	-0.16	295	0.17	-0.26
(143)	1988	5/16 6: 0	0.21	333(NNW)	0.18	0.09	295	0.13	-0.16
(144)	1988	5/16 8: 0	0.13	317(NW )	0.10	0.09	295	0.05	-0.12

	DATE	TIME	(V)	DEG.	(Vn)	(Vc)	CMP	(x)	(y)
(145)	1988	5/16 10: 0	0.13	289(WNW)	0.04	0.12	295	0.01	-0.13
(146)	1988	5/16 12: 0	0.09	311(NW)	0.06	0.07	295	0.02	-0.08
(147)	1988	5/16 14: 0	0.35	332(NNW)	0.31	-0.16	295	0.21	-0.28
(148)	1988	5/16 16: 0	0.01	68(+++)	0.00	0.01	295	0.00	0.00
(149)	1988	5/16 18: 0	0.01	97(+++)	0.00	0.01	295	0.00	0.01
(150)	1988	5/16 20: 0	0.12	339(NNW)	0.11	0.04	295	0.08	-0.09
(151)	1988	5/16 22: 0	0.09	299(WNW)	0.05	-0.08	295	0.01	-0.09
(152)	1988	5/17 0: 0	0.07	310(NW)	0.04	0.05	295	0.02	-0.06
(153)	1988	5/17 2: 0	0.27	330(NNW)	0.23	-0.14	295	0.15	-0.22
(154)	1988	5/17 4: 0	0.21	329(NNW)	0.18	-0.10	295	0.12	-0.17
(155)	1988	5/17 6: 0	0.17	325(NW)	0.14	-0.10	295	0.09	-0.15
(156)	1988	5/17 8: 0	0.05	296(WNW)	0.02	-0.04	295	0.00	-0.05
(157)	1988	5/17 10: 0	0.08	325(NW)	0.07	0.05	295	0.04	-0.07
(158)	1988	5/17 12: 0	0.02	278(+++)	0.00	0.02	295	-0.01	-0.02
(159)	1988	5/17 14: 0	0.13	334(NNW)	0.12	0.06	295	0.08	-0.10
(160)	1988	5/17 16: 0	0.01	341(+++)	0.01	0.00	295	0.01	-0.01
(161)	1988	5/17 18: 0	0.01	297(+++)	0.00	-0.01	295	0.00	-0.01
(162)	1988	5/17 20: 0	0.02	309(+++)	0.01	0.02	295	0.01	-0.02
(163)	1988	5/17 22: 0	0.10	332(NNW)	0.09	-0.05	295	0.06	-0.08
(164)	1988	5/18 0: 0	0.04	151(SSK)	-0.03	0.02	295	-0.02	0.03
(165)	1988	5/18 2: 0	0.11	332(NNW)	0.10	0.05	295	0.07	-0.09
(166)	1988	5/18 4: 0	0.24	331(NNW)	0.21	-0.12	295	0.14	-0.20
(167)	1988	5/18 6: 0	0.12	328(NNW)	0.10	0.06	295	0.06	-0.10
(168)	1988	5/18 8: 0	0.09	304(NW)	0.05	-0.07	295	0.01	-0.08
(169)	1988	5/18 10: 0	0.09	333(NNW)	0.08	-0.04	295	0.06	-0.07
(170)	1988	5/18 12: 0	0.02	284(+++)	0.01	0.02	295	-0.00	-0.02
(171)	1988	5/18 14: 0	0.06	314(NW)	0.04	0.04	295	0.02	-0.06
(172)	1988	5/18 16: 0	0.27	327(NNW)	0.22	0.15	295	0.14	-0.23
(173)	1988	5/18 18: 0	0.01	270(+++)	0.00	-0.01	295	-0.00	-0.01
(174)	1988	5/18 20: 0	0.08	179(S)	-0.08	0.01	295	-0.07	0.05
(175)	1988	5/18 22: 0	0.08	321(NW)	0.06	-0.05	295	0.03	-0.07
(176)	1988	5/19 0: 0	0.02	191(+++)	0.02	0.00	295	-0.02	0.00
(177)	1988	5/19 2: 0	0.09	301(WNW)	0.05	0.08	295	0.01	-0.09
(178)	1988	5/19 4: 0	0.22	335(NNW)	0.20	0.09	295	0.14	-0.17
(179)	1988	5/19 6: 0	0.24	328(NNW)	0.20	-0.13	295	0.13	-0.20
(180)	1988	5/19 8: 0	0.14	318(NW)	0.10	-0.09	295	0.05	-0.13
(181)	1988	5/19 10: 0	0.04	284(WNW)	0.01	-0.03	295	-0.01	-0.03
(182)	1988	5/19 12: 0	0.17	201(SSW)	0.16	0.06	271	-0.16	-0.06

COMMENT Nusa Dua south point

Table Current Velocity and Direction (Sanur north point)

SENSITIVITY X=1.330 SENSITIVITY Y=1.938 DATA NUMBERS=1022

	DATE	TIME	(V)	DEG.	(Vn)	(Ve)	CMP	(x)	(y)
( 1)	1988	5/ 3 9: 0	0.03	327(***)	0.03	-0.02	18	-0.02	-0.02
( 2)	1988	5/ 3 11: 0	0.03	25(***)	0.02	0.01	18	0.00	-0.03
( 3)	1988	5/ 3 13: 0	0.02	15(***)	0.02	0.00	18	-0.00	-0.02
( 4)	1988	5/ 3 15: 0	*0.08	0(N )	0.08	0.00	18	-0.02	-0.08
( 5)	1988	5/ 3 17: 0	0.07	329(NNW)	0.06	-0.03	18	-0.05	-0.05
( 6)	1988	5/ 3 19: 0	0.07	353(N )	0.07	-0.01	18	-0.03	-0.06
( 7)	1988	5/ 3 21: 0	0.01	11(***)	0.01	0.00	18	-0.00	-0.01
( 8)	1988	5/ 3 23: 0	0.06	13(NNE)	0.06	0.01	18	-0.00	-0.06
( 9)	1988	5/ 4 1: 0	0.01	356(***)	0.01	-0.00	18	-0.00	-0.01
(10)	1988	5/ 4 3: 0	0.01	20(***)	0.01	0.00	18	0.00	-0.01
(11)	1988	5/ 4 5: 0	0.01	70(***)	0.00	0.01	18	0.01	-0.00
(12)	1988	5/ 4 7: 0	0.02	289(***)	0.01	-0.02	18	-0.02	-0.00
(13)	1988	5/ 4 9: 0	*0.05	12(NNE)	0.04	0.01	18	-0.00	-0.05
(14)	1988	5/ 4 11: 0	0.02	24(***)	0.02	0.01	18	0.00	-0.02
(15)	1988	5/ 4 13: 0	0.01	16(***)	0.01	0.00	18	-0.00	-0.01
(16)	1988	5/ 4 15: 0	0.02	26(***)	0.01	0.01	18	0.00	-0.02
(17)	1988	5/ 4 17: 0	0.03	285(WNW)	0.01	-0.03	18	-0.03	0.00
(18)	1988	5/ 4 19: 0	0.03	361(***)	0.03	-0.00	18	-0.01	-0.03
(19)	1988	5/ 4 21: 0	0.01	144(***)	-0.01	0.01	18	0.01	0.01
(20)	1988	5/ 4 23: 0	0.04	40(NE )	0.03	0.03	18	0.01	-0.04
(21)	1988	5/ 5 1: 0	0.01	4(***)	0.01	0.00	18	-0.00	-0.01
(22)	1988	5/ 5 3: 0	0.03	13(***)	0.03	0.01	18	-0.00	-0.03
(23)	1988	5/ 5 5: 0	0.03	26(***)	0.03	0.01	18	0.00	-0.03
(24)	1988	5/ 5 7: 0	0.02	24(***)	0.02	0.01	18	0.00	-0.02
(25)	1988	5/ 5 9: 0	0.03	336(NNW)	0.03	-0.01	18	-0.02	-0.02
(26)	1988	5/ 5 11: 0	0.04	6(N )	0.04	0.00	18	-0.01	-0.03
(27)	1988	5/ 5 13: 0	0.02	18(***)	0.02	0.01	18	-0.00	-0.02
(28)	1988	5/ 5 15: 0	0.01	33(***)	0.01	0.01	18	0.00	-0.01
(29)	1988	5/ 5 17: 0	0.03	274(***)	0.00	-0.03	18	-0.03	0.01
(30)	1988	5/ 5 19: 0	0.03	23(***)	0.03	0.01	18	0.00	-0.03
(31)	1988	5/ 5 21: 0	0.01	20(***)	0.01	0.00	18	0.00	-0.01
(32)	1988	5/ 5 23: 0	*0.10	21(NNE)	0.10	0.04	18	0.01	-0.10
(33)	1988	5/ 6 1: 0	0.04	1(N )	0.04	0.00	18	-0.01	-0.04
(34)	1988	5/ 6 3: 0	0.02	25(***)	0.02	0.01	18	0.00	-0.02
(35)	1988	5/ 6 5: 0	0.03	18(NNE)	0.03	0.01	18	-0.00	-0.03
(36)	1988	5/ 6 7: 0	0.02	61(***)	0.01	0.01	18	0.01	-0.01
(37)	1988	5/ 6 9: 0	0.03	359(N )	0.03	-0.00	18	-0.01	-0.03
(38)	1988	5/ 6 11: 0	0.02	249(***)	-0.01	-0.02	18	-0.01	0.01
(39)	1988	5/ 6 13: 0	0.03	350(***)	0.03	-0.01	18	-0.01	-0.03
(40)	1988	5/ 6 15: 0	*0.06	28(NNE)	0.05	0.03	18	0.01	-0.05
(41)	1988	5/ 6 17: 0	0.02	332(***)	0.02	-0.01	18	-0.01	-0.01
(42)	1988	5/ 6 19: 0	0.01	320(***)	0.01	-0.01	18	-0.01	-0.01
(43)	1988	5/ 6 21: 0	0.04	1(N )	0.04	0.00	18	-0.01	-0.04
(44)	1988	5/ 6 23: 0	0.04	44(NE )	0.03	0.02	18	0.02	-0.03
(45)	1988	5/ 7 1: 0	0.03	17(NNE)	0.03	0.01	18	-0.00	-0.03
(46)	1988	5/ 7 3: 0	0.04	29(NNE)	0.03	0.02	18	0.01	-0.03
(47)	1988	5/ 7 5: 0	0.03	21(NNE)	0.03	0.01	18	0.00	-0.03
(48)	1988	5/ 7 7: 0	0.02	19(***)	0.02	0.01	18	0.00	-0.02
(49)	1988	5/ 7 9: 0	0.02	23(***)	0.02	0.01	18	0.00	-0.02
(50)	1988	5/ 7 11: 0	0.03	2(N )	0.03	0.00	18	-0.01	-0.03
(51)	1988	5/ 7 13: 0	0.05	8(N )	0.05	0.01	18	-0.01	-0.05
(52)	1988	5/ 7 15: 0	0.04	354(N )	0.04	-0.00	18	-0.02	-0.04
(53)	1988	5/ 7 17: 0	0.03	339(NNW)	0.03	-0.01	18	-0.02	-0.02
(54)	1988	5/ 7 19: 0	0.03	335(NNW)	0.03	-0.01	18	-0.02	-0.02
(55)	1988	5/ 7 21: 0	0.02	15(***)	0.02	0.01	18	-0.00	-0.02
(56)	1988	5/ 7 23: 0	*0.06	26(NNE)	0.05	0.02	18	0.01	-0.06
(57)	1988	5/ 8 1: 0	0.05	25(NNE)	0.04	0.02	18	0.01	-0.05
(58)	1988	5/ 8 3: 0	0.03	6(***)	0.03	0.00	18	-0.01	-0.03
(59)	1988	5/ 8 5: 0	0.03	19(NNE)	0.03	0.01	18	0.00	-0.03
(60)	1988	5/ 8 7: 0	0.03	1(***)	0.03	0.00	18	-0.01	-0.03
(61)	1988	5/ 8 9: 0	0.02	11(***)	0.02	0.00	18	-0.00	-0.02
(62)	1988	5/ 8 11: 0	0.03	6(***)	0.03	0.00	18	-0.01	-0.02
(63)	1988	5/ 8 13: 0	0.05	3(N )	0.05	0.00	18	-0.01	-0.05

	DATE	TIME	(V)	DEG.	(Vn)	(Ve)	CMP	(x)	(y)
( 64)	1988	6/ 8 15: 0	0.05	18(NNE)	0.05	0.02	18	0.00	-0.06
( 65)	1988	6/ 8 17: 0	0.04	34(NNE)	0.03	0.02	18	0.01	-0.04
( 66)	1988	6/ 8 19: 0	0.03	30(NNE)	0.03	0.02	18	0.01	-0.03
( 67)	1988	6/ 8 21: 0	0.02	334(***)	0.01	-0.01	18	-0.01	-0.01
( 68)	1988	6/ 8 23: 0	*0.05	12(NNE)	0.05	0.01	18	-0.01	-0.05
( 69)	1988	6/ 9 1: 0	0.06	19(NNE)	0.06	0.02	18	0.00	-0.06
( 70)	1988	6/ 9 3: 0	*0.07	16(NNE)	0.07	0.02	18	-0.00	-0.07
( 71)	1988	6/ 9 5: 0	0.03	15(NNE)	0.03	0.01	18	-0.00	-0.03
( 72)	1988	6/ 9 7: 0	0.03	12(***)	0.03	0.01	18	-0.00	-0.03
( 73)	1988	6/ 9 9: 0	0.02	4(***)	0.02	0.00	18	-0.01	-0.02
( 74)	1988	6/ 9 11: 0	0.02	351(***)	0.02	-0.00	18	-0.01	-0.02
( 75)	1988	6/ 9 13: 0	0.03	17(NNE)	0.03	0.01	18	-0.00	-0.03
( 76)	1988	6/ 9 15: 0	0.04	18(NNE)	0.04	0.01	18	0.00	-0.04
( 77)	1988	6/ 9 17: 0	0.03	1(N )	0.03	0.00	18	-0.01	-0.03
( 78)	1988	6/ 9 19: 0	0.04	5(N )	0.04	0.00	18	-0.01	-0.04
( 79)	1988	6/ 9 21: 0	0.03	358(***)	0.03	-0.00	18	-0.01	-0.03
( 80)	1988	6/ 9 23: 0	0.04	10(N )	0.04	0.01	16	-0.01	-0.04
( 81)	1988	6/10 1: 0	0.06	14(NNE)	0.06	0.01	18	-0.00	-0.06
( 82)	1988	6/10 3: 0	0.07	9(N )	0.07	0.01	18	-0.01	-0.07
( 83)	1988	6/10 5: 0	0.07	8(N )	0.06	0.01	18	-0.01	-0.06
( 84)	1988	6/10 7: 0	0.08	30(NNE)	0.05	0.03	18	0.01	-0.06
( 85)	1988	6/10 9: 0	0.03	16(NNE)	0.03	0.01	18	-0.00	-0.03
( 86)	1988	6/10 11: 0	0.02	21(***)	0.02	0.01	18	0.00	-0.02
( 87)	1988	6/10 13: 0	0.05	4(N )	0.05	0.00	18	-0.01	-0.05
( 88)	1988	6/10 15: 0	0.06	9(N )	0.06	0.01	18	-0.01	-0.06
( 89)	1988	6/10 17: 0	*0.07	20(NNE)	0.07	0.02	18	0.00	-0.07
( 90)	1988	6/10 19: 0	0.06	27(NNE)	0.05	0.03	18	0.01	-0.06
( 91)	1988	6/10 21: 0	0.05	35(NE )	0.04	0.03	18	0.01	-0.04
( 92)	1988	6/10 23: 0	0.03	38(***)	0.02	0.02	18	0.01	-0.03
( 93)	1988	6/11 1: 0	0.06	17(NNE)	0.06	0.02	18	-0.00	-0.06
( 94)	1988	6/11 3: 0	0.08	6(N )	0.07	0.01	18	-0.02	-0.07
( 95)	1988	6/11 5: 0	0.08	8(N )	0.08	0.01	18	-0.01	-0.06
( 96)	1988	6/11 7: 0	0.06	24(NNE)	0.06	0.03	18	0.01	-0.06
( 97)	1988	6/11 9: 0	0.05	30(NNE)	0.05	0.03	18	0.01	-0.05
( 98)	1988	6/11 11: 0	0.03	332(NNW)	0.03	-0.01	18	-0.02	-0.02
( 99)	1988	6/11 13: 0	0.02	333(***)	0.02	-0.01	18	-0.02	-0.02
(100)	1988	6/11 15: 0	0.06	21(NNE)	0.05	0.02	18	0.00	-0.06
(101)	1988	6/11 17: 0	*0.10	14(NNE)	0.10	0.02	18	-0.01	-0.10
(102)	1988	6/11 19: 0	0.09	24(NNE)	0.08	0.04	18	0.01	-0.09
(103)	1988	6/11 21: 0	0.06	22(NNE)	0.05	0.02	18	0.00	-0.06
(104)	1988	6/11 23: 0	0.06	8(N )	0.06	0.01	18	-0.01	-0.06
(105)	1988	6/12 1: 0	0.09	8(N )	0.09	0.01	18	-0.02	-0.09
(106)	1988	6/12 3: 0	0.08	7(N )	0.08	0.01	18	-0.02	-0.08
(107)	1988	6/12 5: 0	0.09	7(N )	0.09	0.01	18	-0.02	-0.09
(108)	1988	6/12 7: 0	0.09	22(NNE)	0.09	0.03	18	0.01	-0.09
(109)	1988	6/12 9: 0	0.07	27(NNE)	0.06	0.03	18	0.01	-0.07
(110)	1988	6/12 11: 0	0.03	358(***)	0.03	-0.00	18	-0.01	-0.03
(111)	1988	6/12 13: 0	0.02	347(***)	0.02	-0.01	18	-0.01	-0.02
(112)	1988	6/12 15: 0	0.04	354(N )	0.04	-0.00	18	-0.02	-0.04
(113)	1988	6/12 17: 0	0.10	23(NNE)	0.09	0.04	18	0.01	-0.10
(114)	1988	6/12 19: 0	*0.12	18(NNE)	0.11	0.04	18	0.00	-0.12
(115)	1988	6/12 21: 0	0.11	24(NNE)	0.10	0.04	18	0.01	-0.11
(116)	1988	6/12 23: 0	0.07	33(NNE)	0.06	0.04	18	0.02	-0.07
(117)	1988	6/13 1: 0	0.08	23(NNE)	0.07	0.03	18	0.01	-0.08
(118)	1988	6/13 3: 0	0.10	10(N )	0.10	0.02	18	-0.01	-0.10
(119)	1988	6/13 5: 0	0.11	5(N )	0.11	0.01	18	-0.03	-0.11
(120)	1988	6/13 7: 0	0.11	11(N )	0.11	0.02	18	-0.01	-0.11
(121)	1988	6/13 9: 0	0.11	21(NNE)	0.11	0.04	18	0.01	-0.11
(122)	1988	6/13 11: 0	0.05	25(NNE)	0.04	0.02	18	0.01	-0.05
(123)	1988	6/13 13: 0	0.03	338(***)	0.02	-0.01	18	-0.02	-0.02
(124)	1988	6/13 15: 0	0.06	289(WNW)	0.02	-0.06	18	-0.06	-0.00
(125)	1988	6/13 17: 0	0.09	6(N )	0.09	0.01	18	-0.02	-0.09
(126)	1988	6/13 19: 0	*0.14	20(NNE)	0.14	0.05	18	0.01	-0.14
(127)	1988	6/13 21: 0	0.10	20(NNE)	0.10	0.04	18	0.00	-0.10
(128)	1988	6/13 23: 0	0.07	25(NNE)	0.07	0.03	18	0.01	-0.07



	DATE	TIME	(V)	DEG.	(Vn)	(Ve)	CMP	(x)	(y)	
(129)	1988	6/14	11:0	0.05	24(NNE)	0.05	0.02	18	0.00	-0.05
(130)	1988	6/14	3:0	0.06	18(NNE)	0.06	0.02	18	0.00	-0.06
(131)	1988	6/14	5:0	+0.15	0(N )	0.15	0.00	18	-0.05	-0.14
(132)	1988	6/14	7:0	0.13	4(N )	0.13	0.01	18	-0.03	-0.12
(133)	1988	6/14	9:0	0.11	15(NNE)	0.11	0.03	18	-0.01	-0.11
(134)	1988	6/14	11:0	0.08	44(NE )	0.08	0.05	18	0.03	-0.07
(135)	1988	6/14	13:0	0.08	42(NE )	0.05	0.04	18	0.02	-0.06
(136)	1988	6/14	15:0	0.02	308(***)	0.01	-0.02	18	-0.02	-0.01
(137)	1988	6/14	17:0	0.05	25(NNE)	0.05	0.02	18	0.01	-0.05
(138)	1988	6/14	19:0	0.14	10(N )	0.14	0.02	18	-0.02	-0.14
(139)	1988	6/14	21:0	0.10	18(NNE)	0.09	0.03	18	-0.00	-0.10
(140)	1988	6/14	23:0	0.08	21(NNE)	0.07	0.03	18	0.00	-0.08
(141)	1988	6/15	1:0	0.04	22(NNE)	0.04	0.02	18	0.00	-0.04
(142)	1988	6/15	3:0	0.01	200(***)	-0.01	-0.00	18	-0.00	0.01
(143)	1988	6/15	5:0	0.06	34(NE )	0.05	0.03	18	0.02	-0.06
(144)	1988	6/15	7:0	0.10	15(NNE)	0.09	0.02	18	-0.01	-0.10
(145)	1988	6/15	9:0	0.09	14(NNE)	0.08	0.02	18	-0.01	-0.09
(146)	1988	6/15	11:0	+0.11	25(NNE)	0.10	0.04	18	0.01	-0.10
(147)	1988	6/15	13:0	0.06	23(NNE)	0.06	0.02	18	0.01	-0.06
(148)	1988	6/15	15:0	0.04	21(NNE)	0.03	0.01	18	0.00	-0.04
(149)	1988	6/15	17:0	0.09	266(W )	-0.01	-0.09	18	-0.08	0.03
(150)	1988	6/15	19:0	0.09	10(N )	0.08	0.02	18	-0.01	-0.08
(151)	1988	6/15	21:0	0.10	20(NNE)	0.10	0.04	18	0.00	-0.10
(152)	1988	6/15	23:0	0.07	15(NNE)	0.07	0.02	18	-0.00	-0.07
(153)	1988	6/16	1:0	0.04	6(N )	0.04	0.00	18	-0.01	-0.04
(154)	1988	6/16	3:0	0.01	348(***)	0.01	-0.00	18	-0.01	-0.01
(155)	1988	6/16	5:0	0.02	41(***)	0.02	0.02	18	0.01	-0.02
(156)	1988	6/16	7:0	0.08	28(NNE)	0.07	0.04	18	0.01	-0.08
(157)	1988	6/16	9:0	+0.12	13(NNE)	0.12	0.03	18	-0.01	-0.12
(158)	1988	6/16	11:0	0.11	22(NNE)	0.11	0.04	18	0.01	-0.11
(159)	1988	6/16	13:0	0.05	9(N )	0.05	0.01	18	-0.01	-0.05
(160)	1988	6/16	15:0	0.05	59(ENE)	0.02	0.04	18	0.03	-0.04
(161)	1988	6/16	17:0	0.06	273(W )	0.00	-0.06	18	-0.05	0.02
(162)	1988	6/16	19:0	0.08	4(N )	0.08	0.01	18	-0.02	-0.08
(163)	1988	6/16	21:0	0.10	18(NNE)	0.10	0.03	18	0.00	-0.10
(164)	1988	6/16	23:0	0.07	17(NNE)	0.06	0.02	18	-0.00	-0.07
(165)	1988	6/17	1:0	0.04	23(NNE)	0.04	0.02	18	0.00	-0.04
(166)	1988	6/17	3:0	0.01	293(***)	0.00	-0.01	18	-0.01	-0.00
(167)	1988	6/17	5:0	0.04	265(W )	-0.00	-0.04	18	-0.04	0.02
(168)	1988	6/17	7:0	0.06	52(NE )	0.03	0.04	18	0.03	-0.05
(169)	1988	6/17	9:0	0.07	16(NNE)	0.07	0.02	18	-0.00	-0.07
(170)	1988	6/17	11:0	0.05	25(NNE)	0.04	0.02	18	0.01	-0.05
(171)	1988	6/17	13:0	0.04	35(NE )	0.03	0.02	18	0.01	-0.03
(172)	1988	6/17	15:0	0.03	346(***)	0.02	-0.01	18	-0.01	-0.02
(173)	1988	6/17	17:0	0.03	280(W )	0.01	-0.03	18	-0.03	0.00
(174)	1988	6/17	19:0	0.03	352(***)	0.03	-0.00	18	-0.01	-0.02
(175)	1988	6/17	21:0	+0.08	10(N )	0.08	0.01	18	-0.01	-0.08
(176)	1988	6/17	23:0	0.07	9(N )	0.07	0.01	18	-0.01	-0.07
(177)	1988	6/18	1:0	0.05	27(NNE)	0.05	0.02	18	0.01	-0.05
(178)	1988	6/18	3:0	0.01	1(***)	0.01	0.00	18	-0.00	-0.01
(179)	1988	6/18	5:0	0.02	256(***)	-0.00	-0.02	18	-0.01	0.01
(180)	1988	6/18	7:0	0.01	297(***)	0.00	-0.01	18	-0.01	-0.00
(181)	1988	6/18	9:0	+0.07	2(N )	0.07	0.00	18	-0.02	-0.07
(182)	1988	6/18	11:0	0.07	15(NNE)	0.06	0.02	18	-0.00	-0.07
(183)	1988	6/18	13:0	0.05	22(NNE)	0.05	0.02	18	0.00	-0.05
(184)	1988	6/18	15:0	0.05	8(N )	0.06	0.01	18	-0.01	-0.06
(185)	1988	6/18	17:0	0.03	331(***)	0.02	-0.01	18	-0.02	-0.02
(186)	1988	6/18	19:0	0.04	304(NW )	0.02	-0.03	18	-0.04	-0.01
(187)	1988	6/18	21:0	0.07	10(N )	0.07	0.01	18	-0.01	-0.07
(188)	1988	6/18	23:0	0.07	22(NNE)	0.06	0.03	18	0.01	-0.07
(189)	1988	6/19	1:0	0.06	19(NNE)	0.06	0.02	18	0.00	-0.06
(190)	1988	6/19	3:0	0.02	345(***)	0.02	-0.00	18	-0.01	-0.02
(191)	1988	6/19	5:0	0.03	274(W )	0.00	-0.03	18	-0.03	0.01
(192)	1988	6/19	7:0	0.03	249(WSW)	-0.01	-0.03	18	-0.02	0.02

	DATE	TIME	(V)	DIRE.	(Vn)	(Ve)	CMP	(x)	(y)
(193)	1988	6/19 9:0	0.07	44(NE)	0.05	0.05	18	0.03	-0.06
(194)	1988	6/19 11:0	0.09	10(N)	0.09	0.02	18	-0.01	-0.09
(195)	1988	6/19 13:0	0.08	23(NNE)	0.08	0.03	18	0.01	-0.08
(196)	1988	6/19 15:0	0.05	358(N)	0.05	-0.00	18	-0.02	-0.04
(197)	1988	6/19 17:0	0.03	337(***)	0.02	-0.01	18	-0.02	-0.02
(198)	1988	6/19 19:0	0.05	287(WNW)	0.02	-0.05	18	-0.05	0.00
(199)	1988	6/19 21:0	0.09	9(N)	0.08	0.01	18	-0.01	-0.09
(200)	1988	6/19 23:0	*0.11	17(NNE)	0.10	0.03	18	-0.00	-0.11
(201)	1988	6/20 1:0	0.10	29(NNE)	0.08	0.05	18	0.02	-0.09
(202)	1988	6/20 3:0	0.07	24(NNE)	0.06	-0.03	18	0.01	-0.07
(203)	1988	6/20 5:0	0.05	343(NNW)	0.04	-0.01	18	-0.03	-0.04
(204)	1988	6/20 7:0	0.04	40(NE)	0.03	0.03	18	0.02	-0.04
(205)	1988	6/20 9:0	0.17	19(NNE)	0.16	0.05	18	0.00	-0.17
(206)	1988	6/20 11:0	*0.22	15(NNE)	0.21	0.06	18	-0.01	-0.22
(207)	1988	6/20 13:0	0.19	18(NNE)	0.18	0.06	18	0.00	-0.19
(208)	1988	6/20 15:0	0.12	22(NNE)	0.11	0.04	18	0.01	-0.12
(209)	1988	6/20 17:0	0.07	332(NNW)	0.06	-0.03	18	-0.05	-0.05
(210)	1988	6/20 19:0	0.05	327(NNW)	0.04	-0.03	18	-0.04	-0.03
(211)	1988	6/20 21:0	0.13	6(N)	0.13	0.01	18	-0.03	-0.13
(212)	1988	6/20 23:0	0.18	18(NNE)	0.17	0.06	18	-0.00	-0.18
(213)	1988	6/21 1:0	0.13	16(NNE)	0.12	0.03	18	-0.00	-0.13
(214)	1988	6/21 3:0	0.13	24(NNE)	0.12	0.05	18	0.01	-0.13
(215)	1988	6/21 5:0	0.07	21(NNE)	0.06	0.02	18	0.00	-0.07
(216)	1988	6/21 7:0	0.06	5(N)	0.05	0.00	18	-0.01	-0.06
(217)	1988	6/21 9:0	0.10	10(N)	0.10	0.02	18	-0.01	-0.10
(218)	1988	6/21 11:0	*0.14	12(NNE)	0.14	0.03	18	-0.02	-0.14
(219)	1988	6/21 13:0	0.13	13(NNE)	0.13	0.03	18	-0.01	-0.13
(220)	1988	6/21 15:0	0.07	29(NNE)	0.06	0.04	18	0.01	-0.07
(221)	1988	6/21 17:0	0.04	357(N)	0.04	-0.00	18	-0.01	-0.03
(222)	1988	6/21 19:0	0.04	288(WNW)	0.01	-0.04	18	-0.04	-0.00
(223)	1988	6/21 21:0	0.06	18(NNE)	0.06	0.02	18	0.00	-0.06
(224)	1988	6/21 23:0	0.12	8(N)	0.11	0.02	18	-0.02	-0.11
(225)	1988	6/22 1:0	*0.12	14(NNE)	0.12	0.03	18	-0.01	-0.12
(226)	1988	6/22 3:0	0.08	25(NNE)	0.08	0.04	18	0.01	-0.08
(227)	1988	6/22 5:0	0.06	22(NNE)	0.05	0.02	18	0.00	-0.06
(228)	1988	6/22 7:0	0.03	7(N)	0.03	0.00	18	-0.01	-0.03
(229)	1988	6/22 9:0	0.05	39(NE)	0.03	0.03	18	-0.02	-0.04
(230)	1988	6/22 11:0	0.11	15(NNE)	0.10	0.03	18	-0.00	-0.11
(231)	1988	6/22 13:0	0.11	14(NNE)	0.11	0.03	18	-0.01	-0.11
(232)	1988	6/22 15:0	0.11	15(NNE)	0.10	0.03	18	-0.01	-0.11
(233)	1988	6/22 17:0	0.09	10(N)	0.09	0.02	18	-0.01	-0.09
(234)	1988	6/22 19:0	0.03	354(***)	0.03	-0.00	18	-0.01	-0.03

COMMENT SUNUR NORTH POINT

Table Current Velocity and Direction (Sanur south point)

SENSITIVITY X=1.815      SENSITIVITY Y=1.847      DATA NUMBERS=1022

	DATE	TIME	(V)	DEG.	(Vn)	(Ve)	CMP	(x)	(y)
( 1)	1988	6/ 3 9: 0	0.15	110(ESE)	-0.05	0.14	22	0.15	-0.01
( 2)	1988	6/ 3 11: 0	0.62	203(SSW)	-0.57	-0.25	119	0.62	-0.06
( 3)	1988	6/ 3 13: 0	*1.38	203(SSW)	-1.27	-0.54	119	1.37	-0.14
( 4)	1988	6/ 3 15: 0	1.22	38(NE )	0.97	0.75	119	-1.21	-0.18
( 5)	1988	6/ 3 17: 0	0.18	209(SSW)	-0.15	-0.09	119	0.18	-0.00
( 6)	1988	6/ 3 19: 0	0.21	208(SSW)	-0.18	-0.10	119	0.21	-0.00
( 7)	1988	6/ 3 21: 0	0.16	210(SSW)	-0.13	-0.08	119	0.16	0.00
( 8)	1988	6/ 3 23: 0	0.08	215(SW )	-0.06	-0.04	119	0.07	0.01
( 9)	1988	6/ 4 1: 0	0.07	117(ESE)	-0.03	0.07	22	0.07	0.01
(10)	1988	6/ 4 3: 0	0.19	197(SSW)	-0.18	-0.06	60	0.13	0.14
(11)	1988	6/ 4 5: 0	*0.19	205(SSW)	-0.17	-0.08	60	0.11	0.16
(12)	1988	6/ 4 7: 0	0.05	152(SSE)	-0.05	0.03	60	0.05	0.00
(13)	1988	6/ 4 9: 0	0.15	66(ENE)	0.06	0.14	60	0.02	-0.15
(14)	1988	6/ 4 11: 0	0.10	117(ESE)	-0.05	0.09	60	0.09	-0.06
(15)	1988	6/ 4 13: 0	0.17	192(SSW)	-0.17	-0.03	60	0.13	0.11
(16)	1988	6/ 4 15: 0	0.09	73(ENE)	0.03	0.09	60	0.02	-0.09
(17)	1988	6/ 4 17: 0	0.08	3(N )	0.08	0.00	60	-0.06	-0.04
(18)	1988	6/ 4 19: 0	0.07	178(S )	-0.07	0.00	60	0.07	0.04
(19)	1988	6/ 4 21: 0	0.11	91(E )	-0.00	0.11	60	0.06	-0.09
(20)	1988	6/ 4 23: 0	0.07	134(SE )	-0.05	0.05	60	0.07	-0.02
(21)	1988	6/ 5 1: 0	0.15	185(S )	-0.15	-0.01	60	0.12	0.08
(22)	1988	6/ 5 3: 0	0.17	190(S )	-0.17	-0.03	60	0.13	0.11
(23)	1988	6/ 5 5: 0	*0.19	195(SSW)	-0.19	-0.05	60	0.14	0.14
(24)	1988	6/ 5 7: 0	0.11	192(SSW)	-0.11	-0.02	60	0.08	0.08
(25)	1988	6/ 5 9: 0	0.09	59(ENE)	0.05	0.08	60	-0.00	-0.09
(26)	1988	6/ 5 11: 0	0.06	90(E )	-0.00	0.06	60	0.03	-0.05
(27)	1988	6/ 5 13: 0	0.11	168(SSE)	-0.11	0.02	60	0.11	0.03
(28)	1988	6/ 5 15: 0	0.02	54(***)	0.01	0.02	60	-0.00	-0.02
(29)	1988	6/ 5 17: 0	0.04	97(E )	-0.00	0.04	60	0.03	-0.03
(30)	1988	6/ 5 19: 0	0.08	205(SSW)	-0.07	-0.03	60	0.05	0.07
(31)	1988	6/ 5 21: 0	0.08	97(E )	-0.01	0.08	60	0.05	-0.06
(32)	1988	6/ 5 23: 0	0.09	67(ENE)	0.03	0.08	60	0.01	-0.09
(33)	1988	6/ 6 1: 0	0.08	168(SSE)	-0.08	0.02	60	0.08	0.02
(34)	1988	6/ 6 3: 0	0.19	191(S )	-0.19	-0.04	60	0.14	0.12
(35)	1988	6/ 6 5: 0	0.15	196(SSW)	-0.14	-0.04	60	0.10	0.11
(36)	1988	6/ 6 7: 0	0.13	180(S )	-0.13	-0.00	60	0.11	0.07
(37)	1988	6/ 6 9: 0	0.05	102(ESE)	-0.01	0.04	60	0.03	-0.03
(38)	1988	6/ 6 11: 0	0.06	89(E )	0.00	0.06	60	0.03	-0.05
(39)	1988	6/ 6 13: 0	0.12	186(S )	-0.12	-0.01	60	0.10	0.07
(40)	1988	6/ 6 15: 0	*0.19	178(S )	-0.19	0.01	60	0.17	0.09
(41)	1988	6/ 6 17: 0	0.02	20(***)	0.02	0.01	60	-0.02	-0.02
(42)	1988	6/ 6 19: 0	0.06	188(S )	-0.06	-0.01	60	0.05	0.04
(43)	1988	6/ 6 21: 0	0.05	54(NE )	0.03	0.04	60	-0.01	-0.05
(44)	1988	6/ 6 23: 0	0.10	106(ESE)	-0.03	0.09	60	0.07	-0.07
(45)	1988	6/ 7 1: 0	0.07	130(SE )	-0.04	0.05	60	0.06	-0.02
(46)	1988	6/ 7 3: 0	0.18	189(S )	-0.18	-0.03	60	0.14	0.11
(47)	1988	6/ 7 5: 0	0.15	188(S )	-0.15	-0.02	60	0.12	0.10
(48)	1988	6/ 7 7: 0	0.13	197(SSW)	-0.17	-0.05	60	0.12	0.13
(49)	1988	6/ 7 9: 0	0.08	187(S )	-0.08	-0.01	60	0.06	0.05
(50)	1988	6/ 7 11: 0	0.08	58(ENE)	0.04	0.07	60	-0.00	-0.08
(51)	1988	6/ 7 13: 0	0.07	146(SSE)	-0.06	0.04	60	0.07	-0.00
(52)	1988	6/ 7 15: 0	0.16	189(S )	-0.15	-0.02	60	0.12	0.10
(53)	1988	6/ 7 17: 0	0.12	14(NNE)	0.11	0.03	60	-0.08	-0.08
(54)	1988	6/ 7 19: 0	*0.31	358(N )	0.31	-0.02	60	-0.28	-0.14
(55)	1988	6/ 7 21: 0	0.06	190(S )	-0.06	-0.01	60	0.05	0.04
(56)	1988	6/ 7 23: 0	0.06	103(ESE)	-0.01	0.06	60	0.04	-0.05
(57)	1988	6/ 8 1: 0	0.07	136(SE )	-0.05	0.05	60	0.07	-0.02
(58)	1988	6/ 8 3: 0	0.16	200(SSW)	-0.15	-0.05	60	0.10	0.12
(59)	1988	6/ 8 5: 0	*0.23	195(SSW)	-0.22	-0.05	60	0.16	0.17
(60)	1988	6/ 8 7: 0	0.22	196(SSW)	-0.21	-0.06	60	0.15	0.16
(61)	1988	6/ 8 9: 0	0.15	198(SSW)	-0.14	-0.05	60	0.10	0.11
(62)	1988	6/ 8 11: 0	0.06	184(S )	-0.06	-0.00	60	0.05	0.04

	DATE	TIME	(V)	DEG.	(Vn)	(Ve)	CMP	(x)	(y)
( 63)	1988	6/ 8 13: 0	0.10	167(SSE)	-0.10	0.02	60	0.10	0.03
( 64)	1988	6/ 8 15: 0	0.16	191(S )	-0.16	-0.03	60	0.12	0.10
( 65)	1988	6/ 8 17: 0	0.20	187(S )	-0.20	-0.03	60	0.16	0.12
( 66)	1988	6/ 8 19: 0	0.02	89(***)	0.00	0.02	60	0.01	-0.02
( 67)	1988	6/ 8 21: 0	0.16	202(SSW)	-0.15	-0.06	60	0.10	0.13
( 68)	1988	6/ 8 23: 0	0.06	199(SSW)	-0.06	-0.02	60	0.04	0.05
( 69)	1988	6/ 9 1: 0	0.07	103(ESE)	-0.02	0.07	60	0.05	-0.05
( 70)	1988	6/ 9 3: 0	0.09	151(SSE)	-0.08	0.04	60	0.09	0.00
( 71)	1988	6/ 9 5: 0	*0.22	198(SSW)	-0.21	-0.07	60	0.15	0.16
( 72)	1988	6/ 9 7: 0	0.19	188(S )	-0.19	-0.03	60	0.16	0.12
( 73)	1988	6/ 9 9: 0	0.18	192(SSW)	-0.18	-0.04	60	0.14	0.12
( 74)	1988	6/ 9 11: 0	0.08	200(SSW)	-0.07	-0.03	60	0.06	0.06
( 75)	1988	6/ 9 13: 0	0.08	191(S )	-0.08	-0.02	60	0.06	0.05
( 76)	1988	6/ 9 15: 0	0.11	192(SSW)	-0.11	-0.02	60	0.08	0.07
( 77)	1988	6/ 9 17: 0	0.16	194(SSW)	-0.15	-0.04	60	0.11	0.11
( 78)	1988	6/ 9 19: 0	0.19	194(SSW)	-0.18	-0.05	60	0.13	0.13
( 79)	1988	6/ 9 21: 0	0.20	199(SSW)	-0.19	-0.06	60	0.13	0.15
( 80)	1988	6/ 9 23: 0	0.18	207(SSW)	-0.16	-0.08	60	0.10	0.15
( 81)	1988	6/10 1: 0	0.09	207(SSW)	-0.08	-0.04	60	0.05	0.07
( 82)	1988	6/10 3: 0	0.11	182(S )	-0.11	-0.00	60	0.09	0.06
( 83)	1988	6/10 5: 0	0.19	200(SSW)	-0.18	-0.06	60	0.12	0.15
( 84)	1988	6/10 7: 0	0.26	195(SSW)	-0.25	-0.07	60	0.19	0.19
( 85)	1988	6/10 9: 0	0.22	185(S )	-0.22	-0.02	60	0.18	0.13
( 86)	1988	6/10 11: 0	0.17	199(SSW)	-0.16	-0.06	60	0.11	0.13
( 87)	1988	6/10 13: 0	0.24	202(SSW)	-0.22	-0.09	60	0.14	0.19
( 88)	1988	6/10 15: 0	0.17	191(SSW)	-0.16	-0.03	60	0.12	0.11
( 89)	1988	6/10 17: 0	0.23	204(SSW)	-0.21	-0.09	60	0.14	0.18
( 90)	1988	6/10 19: 0	*0.26	196(SSW)	-0.25	-0.08	60	0.18	0.19
( 91)	1988	6/10 21: 0	0.24	196(SSW)	-0.23	-0.07	60	0.16	0.17
( 92)	1988	6/10 23: 0	0.25	207(SSW)	-0.22	-0.11	60	0.14	0.21
( 93)	1988	6/11 1: 0	0.20	215(SW )	-0.17	-0.12	60	0.08	0.18
( 94)	1988	6/11 3: 0	0.09	196(SSW)	-0.09	-0.03	60	0.06	0.07
( 95)	1988	6/11 5: 0	0.19	190(S )	-0.18	-0.03	60	0.14	0.12
( 96)	1988	6/11 7: 0	0.23	201(SSW)	-0.22	-0.08	60	0.15	0.18
( 97)	1988	6/11 9: 0	0.25	180(S )	-0.25	-0.00	60	0.22	0.13
( 98)	1988	6/11 11: 0	0.31	289(WNW)	0.10	-0.30	60	-0.24	0.21
( 99)	1988	6/11 13: 0	0.19	209(SSW)	-0.16	-0.09	60	0.10	0.16
(100)	1988	6/11 15: 0	0.15	205(SSW)	-0.14	-0.07	60	0.09	0.13
(101)	1988	6/11 17: 0	0.16	194(SSW)	-0.16	-0.04	60	0.12	0.11
(102)	1988	6/11 19: 0	0.21	203(SSW)	-0.20	-0.08	60	0.13	0.17
(103)	1988	6/11 21: 0	0.22	199(SSW)	-0.21	-0.07	60	0.15	0.17
(104)	1988	6/11 23: 0	*0.33	204(SSW)	-0.30	-0.13	60	0.19	0.27
(105)	1988	6/12 1: 0	0.20	219(SW )	-0.16	-0.13	60	0.07	0.19
(106)	1988	6/12 3: 0	0.09	208(SSW)	-0.08	-0.04	60	0.05	0.08
(107)	1988	6/12 5: 0	0.10	174(S )	-0.10	0.01	60	0.09	0.04
(108)	1988	6/12 7: 0	0.22	201(SSW)	-0.20	-0.06	60	0.14	0.17
(109)	1988	6/12 9: 0	0.31	189(S )	-0.31	-0.05	60	0.24	0.20
(110)	1988	6/12 11: 0	0.38	250(WSW)	-0.13	-0.36	60	-0.06	0.38
(111)	1988	6/12 13: 0	*0.46	275(W )	0.04	-0.45	60	-0.26	0.37
(112)	1988	6/12 15: 0	0.19	208(SSW)	-0.17	-0.09	60	0.10	0.16
(113)	1988	6/12 17: 0	0.18	185(S )	-0.18	-0.01	60	0.14	0.10
(114)	1988	6/12 19: 0	0.22	201(SSW)	-0.21	-0.08	60	0.14	0.17
(115)	1988	6/12 21: 0	0.29	200(SSW)	-0.27	-0.10	60	0.18	0.22
(116)	1988	6/12 23: 0	0.28	199(SSW)	-0.26	-0.09	60	0.18	0.21
(117)	1988	6/12 1: 0	0.30	205(SSW)	-0.27	-0.13	60	0.17	0.25
(118)	1988	6/13 3: 0	0.20	210(SSW)	-0.18	-0.10	60	0.10	0.18
(119)	1988	6/13 5: 0	0.10	190(S )	-0.10	-0.02	60	0.08	0.07
(120)	1988	6/13 7: 0	0.21	194(SSW)	-0.20	-0.05	60	0.15	0.15
(121)	1988	6/13 9: 0	0.37	198(SSW)	-0.35	-0.11	60	0.25	0.27
(122)	1988	6/13 11: 0	0.65	2(N )	0.65	0.02	60	-0.65	-0.34
(123)	1988	6/13 13: 0	*0.86	158(SSE)	-0.80	0.32	60	0.86	0.13
(124)	1988	6/13 15: 0	0.16	220(SW )	-0.12	-0.10	60	0.05	0.15
(125)	1988	6/13 17: 0	0.14	197(SSW)	-0.13	-0.04	60	0.09	0.10
(126)	1988	6/13 19: 0	0.18	184(S )	-0.18	-0.01	60	0.16	0.10
(127)	1988	6/13 21: 0	0.30	201(SSW)	-0.28	-0.11	60	0.19	0.23
(128)	1988	6/13 23: 0	0.29	195(SSW)	-0.28	-0.08	60	0.21	0.21

(129)	1988	6/14	1:	0	0.30	204(SSW)	-0.28	-0.12	60	0.18	0.25
(130)	1988	6/14	3:	0	0.25	201(SSW)	-0.23	-0.09	60	0.16	0.19
(131)	1988	6/14	5:	0	0.15	191(S )	-0.15	-0.03	60	0.11	0.10
(132)	1988	6/14	7:	0	0.14	185(S )	-0.14	-0.01	60	0.11	0.08
(133)	1988	6/14	9:	0	0.36	194(SSW)	-0.34	-0.09	60	0.25	0.25
(134)	1988	6/14	11:	0	0.11	56(NNE)	0.06	0.09	60	-0.01	-0.11
(135)	1988	6/14	13:	0	*2.18	267(W )	-0.13	-2.18	60	-0.98	1.95
(136)	1988	6/14	15:	0	0.02	99(***)	-0.00	0.02	60	0.01	-0.01
(137)	1988	6/14	17:	0	0.22	213(SSW)	-0.18	-0.12	60	0.10	0.19
(138)	1988	6/14	19:	0	0.17	204(SSW)	-0.16	-0.07	60	0.10	0.14
(139)	1988	6/14	21:	0	0.23	201(SSW)	-0.22	-0.08	60	0.15	0.18
(140)	1988	6/14	23:	0	0.25	195(SSW)	-0.24	-0.06	60	0.18	0.18
(141)	1988	6/15	1:	0	0.27	194(SSW)	-0.26	-0.07	60	0.19	0.19
(142)	1988	6/15	3:	0	0.30	202(SSW)	-0.28	-0.11	60	0.18	0.24
(143)	1988	6/15	5:	0	0.27	213(SSW)	-0.23	-0.15	60	0.12	0.25
(144)	1988	6/15	7:	0	0.14	198(SSW)	-0.14	-0.04	60	0.10	0.11
(145)	1988	6/15	9:	0	0.25	199(SSW)	-0.23	-0.08	60	0.16	0.19
(146)	1988	6/15	11:	0	0.32	184(S )	-0.32	-0.02	60	0.26	0.18
(147)	1988	6/15	13:	0	*0.72	172(S )	-0.72	0.10	60	0.67	0.28
(148)	1988	6/15	15:	0	0.05	89(E )	0.00	0.05	60	0.02	-0.04
(149)	1988	6/15	17:	0	0.16	217(SW )	-0.13	-0.09	60	0.06	0.14
(150)	1988	6/15	19:	0	0.14	204(SSW)	-0.13	-0.06	60	0.08	0.11
(151)	1988	6/15	21:	0	0.16	190(S )	-0.15	-0.03	60	0.12	0.10
(152)	1988	6/15	23:	0	0.22	196(SSW)	-0.21	-0.06	60	0.15	0.16
(153)	1988	6/16	1:	0	0.22	183(S )	-0.22	-0.01	60	0.18	0.12
(154)	1988	6/16	3:	0	0.23	203(SSW)	-0.22	-0.09	60	0.14	0.19
(155)	1988	6/16	5:	0	0.29	204(SSW)	-0.27	-0.12	60	0.17	0.24
(156)	1988	6/16	7:	0	0.19	202(SSW)	-0.18	-0.07	60	0.12	0.15
(157)	1988	6/16	9:	0	0.21	210(SSW)	-0.18	-0.10	60	0.11	0.18
(158)	1988	6/16	11:	0	*0.31	195(SSW)	-0.30	-0.08	60	0.22	0.22
(159)	1988	6/16	13:	0	0.10	65(ESE)	0.04	0.09	60	0.01	-0.10
(160)	1988	6/16	15:	0	0.07	99(E )	-0.01	0.07	60	0.05	-0.06
(161)	1988	6/16	17:	0	0.20	355(N )	0.20	-0.02	60	-0.18	-0.08
(162)	1988	6/16	19:	0	0.18	207(SSW)	-0.16	-0.08	60	0.10	0.15
(163)	1988	6/16	21:	0	0.23	198(SSW)	-0.22	-0.07	60	0.15	0.17
(164)	1988	6/16	23:	0	0.21	195(SSW)	-0.20	-0.05	60	0.15	0.15
(165)	1988	6/17	1:	0	0.00	329(***)	0.00	-0.00	60	-0.00	0.00
(166)	1988	6/17	3:	0	0.10	205(SSW)	-0.09	-0.04	60	0.06	0.08
(167)	1988	6/17	5:	0	*0.33	198(SSW)	-0.32	-0.11	60	0.22	0.25
(168)	1988	6/17	7:	0	0.17	204(SSW)	-0.15	-0.07	60	0.10	0.14
(169)	1988	6/17	9:	0	0.11	186(S )	-0.11	-0.01	60	0.09	0.07
(170)	1988	6/17	11:	0	0.23	191(SSW)	-0.23	-0.05	60	0.18	0.16
(171)	1988	6/17	13:	0	0.06	109(ESE)	-0.02	0.05	60	0.04	-0.04
(172)	1988	6/17	15:	0	0.02	125(***)	-0.01	0.01	60	0.02	-0.01
(173)	1988	6/17	17:	0	0.01	133(***)	-0.01	0.01	60	0.01	-0.00
(174)	1988	6/17	19:	0	0.14	221(SW )	-0.11	-0.09	60	0.05	0.13
(175)	1988	6/17	21:	0	0.14	196(SSW)	-0.14	-0.04	60	0.10	0.10
(176)	1988	6/17	23:	0	0.21	199(SSW)	-0.20	-0.07	60	0.14	0.16
(177)	1988	6/18	1:	0	0.25	187(S )	-0.25	-0.03	60	0.20	0.15
(178)	1988	6/18	3:	0	0.04	281(WNW)	0.01	-0.04	60	-0.02	0.03
(179)	1988	6/18	5:	0	*0.36	201(SSW)	-0.33	-0.13	60	0.22	0.28
(180)	1988	6/18	7:	0	0.22	208(SSW)	-0.19	-0.10	60	0.11	0.19
(181)	1988	6/18	9:	0	0.10	182(S )	-0.10	-0.00	60	0.08	0.05
(182)	1988	6/18	11:	0	0.18	195(SSW)	-0.17	-0.05	60	0.12	0.12
(183)	1988	6/18	13:	0	0.05	199(SSW)	-0.05	-0.02	60	0.03	0.04
(184)	1988	6/18	15:	0	0.02	138(***)	-0.02	0.02	60	0.02	-0.01
(185)	1988	6/18	17:	0	0.02	135(***)	-0.01	0.01	60	0.02	-0.00
(186)	1988	6/18	19:	0	0.13	213(SSW)	-0.11	-0.07	60	0.06	0.12
(187)	1988	6/18	21:	0	0.08	199(SSW)	-0.08	-0.03	60	0.05	0.06
(188)	1988	6/18	23:	0	0.15	193(SSW)	-0.14	-0.03	60	0.11	0.10
(189)	1988	6/19	1:	0	0.22	195(SSW)	-0.22	-0.06	60	0.16	0.16
(190)	1988	6/19	3:	0	0.05	19(NNE)	0.05	0.02	60	-0.03	-0.04
(191)	1988	6/19	5:	0	*0.31	198(SSW)	-0.30	-0.10	60	0.21	0.23
(192)	1988	6/19	7:	0	0.25	204(SSW)	-0.23	-0.10	60	0.15	0.20

	DATE	TIME	(V)	DEG.	(Vn)	(Ve)	CMP	(x)	(y)
(193)	1988	6/19 9: 0	0.12	201(SSW)	-0.11	-0.04	60	0.08	0.09
(194)	1988	6/19 11: 0	0.12	201(SSW)	-0.11	-0.04	60	0.08	0.10
(195)	1988	6/19 13: 0	0.27	195(SSW)	-0.26	-0.07	60	0.19	0.19
(196)	1988	6/19 15: 0	0.14	99(E )	-0.02	0.14	60	0.09	-0.11
(197)	1988	6/19 17: 0	0.07	116(ESE)	-0.03	0.06	60	0.05	-0.04
(198)	1988	6/19 19: 0	0.21	206(SSW)	-0.19	-0.09	60	0.12	0.18
(199)	1988	6/19 21: 0	0.23	213(SSW)	-0.19	-0.12	60	0.10	0.20
(200)	1988	6/19 23: 0	0.30	204(SSW)	-0.28	-0.12	60	0.18	0.25
(201)	1988	6/20 1: 0	0.26	201(SSW)	-0.25	-0.09	60	0.17	0.21
(202)	1988	6/20 3: 0	0.33	186(S )	-0.33	-0.03	60	0.27	0.19
(203)	1988	6/20 5: 0	0.36	199(SSW)	-0.34	-0.11	60	0.24	0.27
(204)	1988	6/20 7: 0	*0.46	204(SSW)	-0.42	-0.19	60	0.27	0.37
(205)	1988	6/20 9: 0	0.29	213(SSW)	-0.24	-0.16	60	0.13	0.26
(206)	1988	6/20 11: 0	0.28	187(S )	-0.28	-0.03	60	0.22	0.17
(207)	1988	6/20 13: 0	0.30	191(S )	-0.29	-0.05	60	0.22	0.19
(208)	1988	6/20 15: 0	0.03	29(NNE)	0.03	0.02	60	-0.02	-0.03
(209)	1988	6/20 17: 0	0.01	72(***)	0.00	0.01	60	0.00	-0.01
(210)	1988	6/20 19: 0	0.26	203(SSW)	-0.23	-0.10	60	0.15	0.21
(211)	1988	6/20 21: 0	0.29	211(SSW)	-0.25	-0.15	60	0.14	0.25
(212)	1988	6/20 23: 0	0.35	200(SSW)	-0.32	-0.12	60	0.22	0.26
(213)	1988	6/21 1: 0	0.35	196(SSW)	-0.34	-0.09	60	0.24	0.25
(214)	1988	6/21 3: 0	0.35	197(SSW)	-0.34	-0.10	60	0.24	0.26
(215)	1988	6/21 5: 0	0.33	200(SSW)	-0.31	-0.11	60	0.22	0.25
(216)	1988	6/21 7: 0	*0.36	203(SSW)	-0.33	-0.14	60	0.22	0.29
(217)	1988	6/21 9: 0	0.30	206(SSW)	-0.27	-0.13	60	0.17	0.24
(218)	1988	6/21 11: 0	0.31	200(SSW)	-0.29	-0.10	60	0.20	0.24
(219)	1988	6/21 13: 0	0.25	202(SSW)	-0.23	-0.10	60	0.15	0.20
(220)	1988	6/21 15: 0	0.26	187(S )	-0.26	-0.03	60	0.21	0.16
(221)	1988	6/21 17: 0	0.04	114(ESE)	-0.01	0.03	60	0.03	-0.02
(222)	1988	6/21 19: 0	0.13	212(SSW)	-0.11	-0.07	60	0.06	0.12
(223)	1988	6/21 21: 0	0.24	206(SSW)	-0.22	-0.11	60	0.14	0.20
(224)	1988	6/21 23: 0	0.25	206(SSW)	-0.22	-0.11	60	0.14	0.20
(225)	1988	6/22 1: 0	*0.37	208(SSW)	-0.32	-0.17	60	0.19	0.31
(226)	1988	6/22 3: 0	0.34	196(SSW)	-0.32	-0.09	60	0.24	0.24
(227)	1988	6/22 5: 0	0.31	197(SSW)	-0.30	-0.09	60	0.21	0.23
(228)	1988	6/22 7: 0	0.34	200(SSW)	-0.32	-0.12	60	0.22	0.26
(229)	1988	6/22 9: 0	0.29	203(SSW)	-0.26	-0.11	60	0.17	0.23
(230)	1988	6/22 11: 0	0.24	204(SSW)	-0.22	-0.10	60	0.14	0.19
(231)	1988	6/22 13: 0	0.27	197(SSW)	-0.26	-0.08	60	0.18	0.20
(232)	1988	6/22 15: 0	0.31	198(SSW)	-0.30	-0.10	60	0.21	0.23
(233)	1988	6/22 17: 0	0.11	349(N )	0.11	-0.02	60	-0.11	-0.04
(234)	1988	6/22 19: 0	0.25	197(SSW)	-0.24	-0.07	60	0.17	0.18

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