

m	T	h_i	H_i	H_b	H_b	h_b	H_∞/L_∞	H_b/H_∞	H_b/h_b
					swl				
	sec	cm	cm	cm	cm	cm			

1. Komar and Simmons, continued

0.105	1.65	30.63	6.36	8.91	6.07	8.40	0.0155	1.36	1.061
0.105	1.65	30.63	3.03	4.76	2.80	4.90	0.0074	1.52	0.971
0.105	1.14	30.63	6.36	7.56	5.34	8.03	0.034	1.09	0.941
0.105	0.81	30.63	6.36	5.03	3.67	6.11	0.0665	0.75	0.823
0.105	0.81	30.63	3.03	3.53	2.36	3.64	0.031	1.10	0.970
0.105	2.37	30.63	6.36	9.27	4.96	9.72	0.0066	1.59	0.954
0.105	2.37	30.63	3.03	5.35	2.64	5.85	0.0032	1.92	0.915
0.105	1.14	30.63	13.1	14.27	10.20	15.20	0.071	0.99	0.93
0.105	1.65	30.63	13.1	17.04	11.80	17.00	0.032	1.25	1.002

2. Iversen (1952a)

0.020	2.43	47.00	7.07	10.8		--	0.0074	1.58	--
0.020	2.65	47.00	7.41	12.1		15.60	0.0065	1.70	0.780
0.020	1.00	47.00	10.60	9.24		12.29	0.0718	0.91	0.752
0.020	1.13	47.00	8.60	9.06		10.70	0.0465	0.98	0.850
0.020	1.17	47.00	7.40	8.36		9.78	0.0376	1.04	0.854
0.020	1.62	47.00	6.95	8.18		9.31	0.0190	1.05	0.876
0.020	1.74	47.00	5.80	8.64		10.18	0.0130	1.41	0.847
0.020	2.65	47.00	5.66	9.76		12.86	0.0049	1.82	0.758
0.020	0.81	47.00	9.17	7.62		--	0.0907	0.82	--
0.020	0.90	47.00	8.50	6.77		9.94	0.0706	0.76	0.681
0.020	0.95	47.00	6.77	5.83		6.95	0.0504	0.82	0.839
0.020	1.00	47.00	7.01	6.65		--	0.0474	0.90	--
0.020	1.00	47.00	5.55	5.64		--	0.0376	0.96	--
0.020	1.30	47.00	7.35	7.56		10.00	0.0305	0.94	0.756
0.020	1.35	47.00	5.80	6.07		7.05	0.0223	0.96	0.861
0.020	2.00	47.00	5.49	6.34		6.76	0.0092	1.10	0.936
0.020	1.90	47.00	3.93	5.52		6.46	0.0074	1.32	0.854
0.020	2.25	47.00	5.12	6.62		--	0.0065	1.29	--

0.033	1.05	50.30	10.85	10.70		14.64	0.0665	0.94	0.729
0.033	2.37	50.0	7.00	12.70		15.55	0.0080	1.81	0.814
0.033	1.24	48.1	7.76	8.39		11.12	0.0353	0.99	0.754
0.033	1.46	47.2	6.52	8.69		10.67	0.0214	1.22	0.815
0.033	1.87	45.7	5.15	7.99		11.37	0.0099	1.48	0.703
0.033	2.03	45.4	5.27	7.71		10.20	0.0084	1.43	0.751
0.033	2.67	46.4	5.00	8.84		11.30	0.0043	1.85	0.785
0.033	1.49	43.9	4.39	6.86		8.24	0.0138	1.44	0.834
0.033	1.60	42.6	3.38	5.34		7.92	0.0093	1.44	0.674
0.033	1.79	42.6	3.50	5.49		7.92	0.0074	1.48	0.694

m	T	h_i	H_i	H_b	H_b swl	h_b	H_∞/L_∞	H_b/H_∞	H_b/h_b
	sec	cm	cm	cm	cm	cm			

2. Iversen, continued

0.033	2.10	43.9	3.50	6.56		8.37	0.0052	1.83	0.782
0.033	2.29	43.5	3.54	7.01		8.55	0.0042	2.04	0.822
0.033	2.52	43.5	3.57	6.10		8.07	0.0035	1.76	0.755
0.033	2.52	43.2	2.84	5.79		7.00	0.0027	2.16	0.826
0.033	2.65	43.0	2.96	5.49		7.44	0.0025	2.00	0.737
0.050	1.40	54.9	10.07	12.8		16.14	0.0360	1.16	0.792
0.050	1.50	48.8	9.08	12.2		14.00	0.0280	1.24	0.870
0.050	1.59	48.8	7.80	12.2		14.63	0.0210	1.48	0.834
0.050	1.89	47.8	6.85	11.6		13.40	0.0130	1.60	0.864
0.050	2.24	47.8	5.88	11.0		11.90	0.0076	1.85	0.925
0.050	1.04	53.3	11.68	10.7		16.50	0.0730	0.87	0.649
0.050	1.15	48.8	9.30	9.45		11.90	0.0480	1.05	0.795
0.050	1.26	47.8	7.92	10.1		10.40	0.0350	1.16	0.971
0.050	1.33	48.8	7.25	9.14		10.40	0.0290	1.14	0.884
0.050	1.41	47.5	6.15	8.24		10.05	0.0220	1.20	0.819
0.050	1.67	46.0	5.43	8.24		8.84	0.0130	1.45	0.931
0.050	1.93	45.4	4.39	7.62		7.62	0.0079	1.66	1.000
0.050	0.74	47.2	6.52	5.79		8.84	0.0767	0.88	0.660
0.050	0.93	45.7	6.29	6.40		8.25	0.0480	0.99	0.780
0.050	1.03	45.7	5.65	5.49		7.62	0.0360	--	0.720
0.050	1.12	45.7	5.03	5.79		7.02	0.0270	1.10	0.826
0.050	1.17	45.7	4.42	6.10		6.41	0.0220	1.30	0.953
0.050	1.34	45.7	3.35	4.27		4.87	0.0130	1.17	0.875
0.050	1.55	44.8	2.86	4.57		5.48	0.0083	1.47	0.834
0.100	1.00	70.1	11.90	12.20		12.50	0.0774	1.01	0.976
0.100	1.00	70.1	11.90	12.20		12.50	0.0774	1.01	0.976
0.100	1.51	68.0	6.70	11.30		9.15	0.0206	1.55	1.231
0.100	1.73	68.5	7.04	11.00		9.75	0.0165	1.43	1.124
0.100	1.00	71.0	12.20	10.70		13.72	0.0797	1.86	0.778
0.100	0.92	68.0	7.64	7.90		10.05	0.0581	1.03	0.788
0.100	1.98	68.3	4.27	9.46		9.15	0.0076	2.04	1.031
0.100	1.98	68.0	3.99	8.84		7.92	0.0071	2.03	1.118
0.100	0.80	68.0	6.10	6.40		8.84	0.0614	1.05	0.725
0.100	1.11	68.0	5.12	6.70		6.71	0.0280	1.25	1.000
0.100	1.27	66.2	3.93	6.70		5.49	0.0167	1.60	1.223
0.100	1.26	66.2	3.48	5.80		4.89	0.0150	1.56	1.189
0.100	1.45	66.2	3.75	6.10		5.49	0.0125	1.49	1.112
0.100	1.26	65.5	2.59	4.90		4.27	0.0112	1.76	1.142
0.100	2.10	67.8	3.44	7.00		8.53	0.0054	1.88	0.822
0.100	2.50	68.0	3.38	7.30		7.32	0.0038	1.97	1.000

m	T	h_i	H_i	H_b	H_b	h_b	H_∞/L_∞	H_b/H_∞	H_b/h_b
					swl				
	sec	cm	cm	cm	cm	cm			

3. Berkeley Wave Tank (Munk, 1949)

0.009	1.05		10.21	9.97		14.32	0.0590	0.98	0.698
0.009	1.09		9.60	9.75		14.29	0.0510	1.03	0.680
0.009	1.35		8.23	9.84		14.51	0.0290	1.23	0.675
0.009	1.50		6.77	9.39		14.45	0.0190	1.39	0.685
0.009	1.98		4.57	8.72		11.80	0.0070	1.91	0.740
0.054	0.86		10.21	9.17		13.84	0.0880	0.89	0.685
0.054	0.96		9.69	9.11		11.06	0.0670	0.94	0.826
0.054	1.34		7.31	8.26		7.48	0.0260	1.13	1.111
0.054	1.50		6.25	7.92		7.48	0.0180	1.27	1.064
0.054	1.97		4.08	6.83		6.31	0.0070	1.67	1.088
0.072	0.09		10.70	9.88		12.56	0.0920	0.92	0.787
0.072	1.15		9.20	9.84		10.70	0.0450	1.07	0.918
0.072	1.22		8.66	9.94		9.51	0.0370	1.15	1.041
0.072	1.50		6.41	9.45		8.23	0.0180	1.46	1.124
0.072	1.54		6.06	8.72		8.32	0.0160	1.44	1.052
0.072	1.97		4.48	8.23		7.13	0.0070	1.83	1.150

4. Beach Erosion Board (Munk, 1949)

0.030	1.03		3.62	4.27		6.10	0.0218	1.18	0.700
0.030	1.03		4.88	5.42		7.92	0.0296	1.11	0.685
0.030	0.85		3.05	3.26		4.57	0.0273	1.07	0.715
0.030	1.03		2.65	3.44		4.66	0.0159	1.13	0.741
0.030	1.03		5.49	5.06		8.14	0.0331	0.92	0.622
0.030	0.85		3.96	3.75		5.21	0.0354	0.95	0.719
0.030	0.75		3.05	3.29		5.12	0.0350	1.08	0.645
0.030	0.85		4.42	4.05		6.31	0.0403	0.92	0.642
0.030	0.75		4.27	3.08		4.30	0.0496	0.72	0.714
0.049	1.08		4.97	6.49		5.52	0.0271	1.31	1.178
0.049	1.08		3.81	5.12		4.33	0.0209	1.35	1.190
0.049	0.96		3.57	4.30		4.48	0.0249	1.21	0.962
0.049	1.08		5.70	6.64		8.08	0.0315	1.17	0.819
0.049	0.97		4.94	6.22		6.70	0.0352	1.26	0.926
0.049	1.08		7.31	8.38		10.45	0.0400	1.15	0.800
0.049	0.95		6.52	6.89		8.84	0.0453	1.06	0.782
0.049	0.73		3.66	4.36		5.36	0.0422	1.19	0.814
0.049	1.08		9.87	10.03		13.90	0.0540	1.02	0.725
0.049	0.97		7.31	7.89		9.75	0.0500	1.08	0.806

m	T	h_i	H_i	H_b	H_b swl	h_b	H_∞/L_∞	H_b/H_∞	H_b/h_b
	sec	cm	cm	cm	cm	cm			

4. Beach Erosion Board, continued

0.049	0.75		5.06	4.42		5.52	0.0566	0.87	0.80
0.049	0.74		5.03	4.75		6.28	0.0554	0.95	0.757
0.049	0.75		5.18	4.85		6.43	0.0576	0.94	0.752
0.049	1.08		12.25	13.04		18.65	0.0670	1.06	0.700
0.049	0.97		9.02	9.02		11.28	0.0652	0.95	0.800

0.159	0.97		3.26	3.53		4.84	0.0230	1.08	0.730
0.159	1.08		5.02	5.18		5.82	0.0284	1.03	0.894
0.159	1.08		3.75	4.30		4.36	0.0207	1.15	0.981
0.159	1.08		7.16	6.43		10.18	0.0394	0.90	0.633
0.159	1.08		5.85	5.12		8.23	0.0331	0.88	0.622
0.159	0.97		5.88	5.45		8.23	0.0413	0.93	0.663
0.159	0.75		3.44	3.35		4.36	0.0402	0.97	0.769
0.159	0.74		3.87	3.93		5.33	0.0446	1.02	0.741
0.159	0.96		7.62	7.98		10.18	0.0529	1.05	0.787
0.159	0.74		5.18	4.85		5.82	0.0592	0.94	0.834
0.159	1.09		10.05	9.36		11.12	0.0546	0.93	0.840
0.159	0.97		9.11	9.48		12.59	0.0626	1.04	0.752
0.159	1.09		12.10	12.13		16.95	0.0651	1.00	0.714

5. Morison and Crooke (1953)

0.100	2.50			7.31		7.69	0.0036		0.952
0.100	1.51			11.30		9.15	0.0206		1.231
0.100	1.00			10.67		12.90	0.0797		0.827
0.020	2.62			8.05		9.05	0.0037		0.889
0.020	1.41			8.41		10.05	0.0262		0.837
0.020	0.78			5.58		7.00	0.0778		0.794

6. Galvin (1968)

0.050	1.00	30.5	7.44	7.2		0.0476	0.97
0.050	2.00	30.5	5.58	9.4		0.0089	1.68
0.050	4.00	30.5	4.01	11.3		0.0016	2.82
0.050	5.00	30.5	3.58	11.9		0.0009	3.32

m	T	h_i	H_i	H_b	H_b swl	h_b	H_∞/L_∞	H_b/H_∞	H_b/h_b
	sec	cm	cm	cm	cm	cm			
6. Galvin, continued									
0.050	1.00	38.1	8.69	7.8			0.0557	0.90	
0.050	2.00	38.1	8.69	13.0			0.0139	1.50	
0.050	4.00	38.1	7.10	17.7			0.0028	2.49	
0.050	5.00	38.1	5.08	15.9			0.0013	3.13	
0.050	6.00	38.1	3.86	13.6			0.0007	3.52	
0.100	1.00	22.9	6.09	6.5			0.0390	1.07	
0.100	2.00	22.9	2.26	6.9			0.0036	3.05	
0.100	5.00	22.9	3.48	11.3			0.0008	3.25	
0.100	6.00	22.9	2.65	10.1			0.0004	3.81	
0.100	6.00	22.9	4.42	10.1			0.0007	2.28	
0.100	7.00	22.9	3.50	9.7			0.0004	2.77	
0.100	8.00	22.9	2.87	5.7			0.0002	1.99	
0.100	1.00	30.5	7.44	7.2			0.0476	0.97	
0.100	2.00	30.5	2.80	4.3			0.0044	1.54	
0.100	2.00	30.5	8.34	11.8			0.0133	1.41	
0.100	4.00	30.5	6.00	16.4			0.0024	2.73	
0.100	5.00	30.5	4.31	6.9			0.0011	1.60	
0.100	5.00	30.5	7.17	15.0			0.0018	2.09	
0.100	6.00	30.5	9.24	7.8			0.0016	0.84	
0.100	7.00	30.5	4.34	15.0			0.0005	3.47	
0.100	8.00	30.5	3.56	7.2			0.0003	2.02	
0.100	1.00	38.1	8.69	7.0			0.0557	0.80	
0.100	2.00	38.1	3.28	4.5			0.0052	1.37	
0.100	2.00	38.1	8.69	9.4			0.0139	1.08	
0.100	4.00	38.1	7.10	14.5			0.0028	2.04	
0.200	1.00	22.9	6.09	6.2			0.0390	1.02	
0.200	2.00	22.9	2.26	1.5			0.0036	0.66	
0.200	6.00	22.9	2.65	7.9			0.0004	2.98	
0.200	6.00	22.9	4.42	10.7			0.0007	2.42	
0.200	8.00	22.9	2.87	5.7			0.0002	1.99	
0.200	1.00	30.5	7.44	9.1			0.0476	1.22	
0.200	2.00	30.5	2.80	6.4			0.0044	2.28	
0.220	4.00	30.5	6.00	6.2			0.0024	1.03	
0.200	5.00	30.5	4.31	8.7			0.0011	2.01	
0.200	7.00	30.5	4.34	6.4			0.0005	1.47	
0.200	1.00	38.1	8.69	9.0			0.0557	1.04	
0.200	2.00	38.1	3.28	6.9			0.0052	2.10	
0.200	4.00	38.1	7.10	14.8			0.0028	2.08	
0.200	5.00	38.1	5.08	14.0			0.0013	2.76	

m	T	h_i	H_i	H_b	H_b swl	h_b	H_∞/L_∞	H_b/H_∞	H_b/h_b
	sec	cm	cm	cm	cm	cm			
7. Galvin (1969)									
0.050	2.00	30.5		9.4		10.2			0.92
0.050	4.00	30.5		11.3		10.1			1.12
0.050	5.00	30.5		11.9		10.9			1.07
0.050	4.00	38.1		17.7		16.2			1.09
0.050	5.00	38.1		15.9		14.5			1.09
0.050	6.00	38.1		13.6		13.4			1.01
0.050	6.00	35.0		14.0		18.20			0.77
0.200	1.00	22.9		6.2		6.2			1.00
0.200	1.00	30.5		9.2		8.0			1.14
0.200	1.00	38.1		9.0		8.1			1.11
0.200	2.00	38.1		6.9		6.3			1.10
0.100	1.00	22.9		6.52		6.10			1.07
0.100	2.00	22.9		3.84		3.94			0.98
0.100	5.00	22.9		14.20		8.85			1.60
0.100	6.00	22.9		10.01		7.75			1.31
0.100	1.00	30.5		7.16		6.19			1.16
0.100	2.00	30.5		4.33		4.00			1.08
0.100	2.00	30.5		11.79		9.02			1.30
0.100	5.00	30.5		14.90		10.00			1.50
0.100	2.00	38.1		4.52		4.51			1.00
0.100	2.00	38.1		9.35		11.42			0.82
0.100	4.00	38.1		14.50		10.40			1.38

Wave parameters measured or computed
in field experiments (Munk, 1949)

T	H_{∞}	H	h_b	H_{∞}/L_{∞}	H_b/H_{∞}	H_b/h_b
sec	cm	cm	cm			
Scripps Leica Type I						
13.7	123.	225.5	225.5	0.0042	1.85	1.00
12.0	94.	146.3	161.5	0.0042	1.55	0.91
13.3	124.	164.6	231.6	0.0045	1.35	0.77
12.7	128.	225.5	277.4	0.0051	1.76	0.81
12.2	118.	195.1	219.4	0.0051	1.64	0.88
10.2	83.	121.9	155.4	0.0051	1.48	0.78
11.6	109.	213.4	265.2	0.0052	1.95	0.81
12.0	119.	176.8	228.6	0.0053	1.49	0.77
11.5	136.	231.6	277.4	0.0066	1.46	0.83
10.0	128.	170.7	201.2	0.0082	1.34	0.85
10.0	128.	201.2	201.2	0.0082	1.57	1.00
10.0	131.	170.7	198.1	0.0084	1.19	0.86
11.2	164.	201.2	231.6	0.0084	1.22	0.87
9.2	111.	140.2	173.7	0.0084	1.28	0.81
9.0	107.	158.5	222.5	0.0085	1.49	0.71
10.2	141.	201.2	298.7	0.0087	1.44	0.67
10.5	155.	262.1	313.9	0.0090	1.69	0.83
10.0	147.	201.2	219.4	0.0094	1.37	0.92
9.5	132.	146.3	216.4	0.0094	1.12	0.68
9.6	141.	213.4	222.5	0.0098	1.71	0.96
9.5	144.	176.8	201.2	0.0102	1.23	0.88
9.4	130.	195.1	249.9	0.0107	1.33	0.79
9.5	154.	243.8	298.7	0.0109	1.60	0.81
9.6	157.	219.4	286.5	0.0109	1.41	0.76
10.3	187.	243.8	298.7	0.0113	1.31	0.82
10.5	196.	274.3	387.1	0.0114	1.41	0.71
10.5	200.	219.6	329.2	0.0116	1.22	0.67
9.6	171.	268.2	371.8	0.0119	1.57	0.72
9.8	183.	213.4	268.2	0.0122	1.17	0.79
8.1	127.	140.2	182.9	0.0124	1.12	0.77
10.3	206.	286.5	304.8	0.0124	1.40	0.94
9.0	167.	207.3	296.0	0.0132	1.26	0.70
9.4	190.	256.0	268.2	0.0138	1.36	0.95
9.0	191.	207.3	182.9	0.0139	1.19	1.14
7.7	130.	152.4	240.8	0.0140	1.19	0.63
9.0	178.	298.7	335.3	0.0141	1.66	0.89
8.5	159.	182.9	240.8	0.0141	1.15	0.76
8.8	180.	237.7	246.9	0.0149	1.35	0.96
8.8	182.	219.4	256.0	0.0151	1.22	0.85

T	H_{∞}	H_b	h_b	H_{∞}/L_{∞}	H_b/H_{∞}	H_b/h_b
sec	cm	cm	cm			

Scripps Leica Type I, continued

10.0	236.	243.8	369.0	0.0151	1.29	0.66
8.0	153.	176.8	195.1	0.0153	1.18	0.91
7.2	128.	201.2	256.0	0.0158	1.61	0.79
9.0	216.	243.8	271.3	0.0171	1.13	0.90
8.0	175.	188.9	213.4	0.0175	1.12	0.88
9.2	232.	262.1	371.8	0.0176	1.13	0.70
8.8	216.	237.7	280.4	0.0179	1.11	0.85
8.5	204.	298.7	277.4	0.0181	1.44	1.08
8.0	194.	219.4	262.1	0.0194	1.14	0.83
7.5	173.	237.7	320.0	0.0197	1.37	0.74
9.0	252.	347.5	368.8	0.0200	1.39	0.94
8.2	246.	304.8	344.4	0.0235	1.25	0.88
7.5	210.	274.3	341.4	0.0239	1.34	0.81
7.2	193.	243.8	301.8	0.0239	1.29	0.81
8.0	242.	286.5	301.8	0.0243	1.18	0.95
6.5	187.	219.4	249.9	0.0284	1.01	0.88
7.8	300.	335.3	445.0	0.0316	1.12	0.75

Scripps Leica Type II

13.0	121.	177.	314.	0.0046	1.45	0.56
12.5	149.	195.	302.	0.0061	1.31	0.64
12.0	166.	232.	323.	0.0074	1.38	0.72
10.5	151.	220.	372.	0.0088	1.47	0.59
11.2	178.	250.	347.	0.0091	1.39	0.72
10.0	143.	183.	354.	0.0092	1.28	0.52
10.0	145.	183.	332.	0.0093	1.25	0.55
8.8	118.	128.	168.	0.0098	1.11	0.76
9.3	135.	238.	363.	0.0100	1.77	0.65
9.6	152.	256.	344.	0.0106	1.68	0.74
10.5	184.	232.	350.	0.0107	1.27	0.66
10.0	172.	210.	372.	0.0110	1.24	0.56
9.5	166.	238.	283.	0.0118	1.41	0.84
8.9	154.	250.	360.	0.0125	1.64	0.70
9.0	163.	232.	335.	0.0129	1.43	0.72
9.0	173.	226.	317.	0.0137	1.32	0.72
8.0	191.	232.	344.	0.0191	1.25	0.67
7.0	199.	274.	332.	0.0260	1.38	0.83