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Lampiran I : Data Angin

2016	1	26	1	7.52	283.38	2018	1	29	1	9.03	331.5
2016	2	12	2	8.35	305.25	2018	2	16	2	8.2	309.88
2016	3	17	3	6.3	299.75	2018	3	8	3	7.4	309.44
2016	4	27	4	6.06	244.88	2018	4	29	4	6.47	141.88
2016	5	12	5	7.21	106.56	2018	5	23	5	7.82	119.5
2016	6	13	6	6.91	97.38	2018	6	17	6	8.88	116.12
2016	7	7	7	8.69	120.25	2018	7	9	7	8.3	133.56
2016	8	18	8	8.12	139.5	2018	8	2	8	8.7	160.31
2016	9	8	9	7.89	138.44	2018	9	25	9	8.16	152.94
2016	10	7	10	7.55	82.56	2018	10	1	10	7.29	140.69
2016	11	9	11	7.17	315.56	2018	11	18	11	6.72	330.62
2016	12	23	12	9.56	324.56	2018	12	27	12	9.3	283.81
2017	1	26	13	8.88	300.38	2019	1	22	13	11.63	307.62
2017	2	6	14	10.27	298	2019	2	5	14	7.31	316.69
2017	3	19	15	6.93	295.88	2019	3	16	15	9.21	327.69
2017	4	5	16	7.17	332.75	2019	4	28	16	8.26	206.62
2017	5	22	17	7.95	145.81	2019	5	29	17	7.96	126.62
2017	6	2	18	7.77	148.12	2019	6	8	18	9.45	141.94
2017	7	15	19	9.65	114.81	2019	7	7	19	8.98	128.38
2017	8	26	20	10.05	121.81	2019	8	29	20	9.56	128.31
2017	9	1	21	9.72	145.88	2019	9	18	21	9.48	142.69
2017	10	8	22	7.16	153.19	2019	10	8	22	7.66	147.75
2017	11	21	23	6.44	325.06	2019	11	5	23	6.23	166.44
2017	12	18	24	8.64	286	2019	12	14	24	6.03	348.56
2020	1	30	1	10.45	322						
2020	2	7	2	9.96	316						
2020	3	6	3	6.64	317.25						
2020	4	11	4	8.67	289.88						
2020	5	16	5	7.88	139.12						
2020	6	18	6	9.53	115.31						
2020	7	23	7	9.71	131.44						
2020	8	26	8	10.28	133.62						
2020	9	6	9	8.8	139.12						
2020	10	2	10	7.96	125.44						
2020	11	30	11	7.07	333						
2020	12	19	12	9.48	295.12						
2021	1	28	13	8.94	309.62						
2021	2	19	14	8.21	324.44						
2021	3	20	15	6.24	308.75						
2021	4	6	16	8.81	304.31						
2021	5	13	17	8.91	134.12						
2021	6	6	18	7.55	136.06						
2021	7	11	19	9.57	113.88						
2021	8	14	20	9.92	124.5						
2021	9	18	21	8.56	127.56						
2021	10	8	22	7.73	161.94						
2021	11	29	23	9.81	215.31						
2021	12	6	24	9.39	246.5						

Lampiran II : Data Grafik Gelombang dan Kedalaman

1	1	1	178.22	1.299	-1.299	-1.299
0.9651	0.7745	0.8142	175.97	1.299	-1.299	-1.299
1.109	0.9085	1.07	173.71	1.354	-1.354	-1.354
1.173	0.941	1.184	171.46	1.403	-1.403	-1.403
1.211	0.9421	1.247	169.2	1.447	-1.447	-1.447
1.247	0.9449	1.294	166.94	1.492	-1.492	-1.492
1.274	0.968	1.33	164.69	1.541	-1.541	-1.541
1.301	0.9889	1.364	162.43	1.596	-1.596	-1.596
1.32	1.016	1.401	160.18	1.655	-1.655	-1.655
1.345	1.045	1.433	157.92	1.721	-1.721	-1.721
1.365	1.074	1.45	155.66	1.786	-1.786	-1.786
1.386	1.105	1.478	153.41	1.837	-1.837	-1.837
1.411	1.129	1.504	151.15	1.869	-1.869	-1.869
1.432	1.158	1.526	148.9	1.875	-1.875	-1.875
1.453	1.189	1.542	146.64	1.873	-1.873	-1.873
1.471	1.216	1.559	144.38	1.863	-1.863	-1.863
1.494	1.24	1.573	142.13	1.87	-1.87	-1.87
1.515	1.261	1.586	139.87	1.889	-1.889	-1.889
1.534	1.281	1.593	137.62	1.916	-1.916	-1.916
1.553	1.308	1.6	135.36	1.947	-1.947	-1.947
1.569	1.334	1.611	133.1	1.975	-1.975	-1.975
1.581	1.36	1.621	130.85	1.987	-1.987	-1.987
1.591	1.381	1.635	128.59	1.987	-1.987	-1.987
1.6	1.401	1.649	126.34	1.985	-1.985	-1.985
1.611	1.42	1.66	124.08	1.989	-1.989	-1.989
1.617	1.439	1.668	121.82	1.993	-1.993	-1.993
1.624	1.458	1.677	119.57	2.003	-2.003	-2.003
1.635	1.476	1.687	117.31	2.005	-2.005	-2.005
1.643	1.498	1.689	115.06	1.999	-1.999	-1.999
1.651	1.52	1.696	112.8	1.969	-1.969	-1.969
1.664	1.537	1.702	110.54	1.932	-1.932	-1.932
1.671	1.556	1.705	108.29	1.919	-1.919	-1.919
1.769	1.781	1.734	69.936	1.354	-1.354	-1.354
1.772	1.788	1.724	67.68	1.311	-1.311	-1.311
1.77	1.793	1.704	65.424	1.265	-1.265	-1.265
1.77	1.799	1.685	63.168	1.178	-1.178	-1.178
1.77	1.802	1.668	60.912	1.073	-1.073	-1.073
1.774	1.807	1.652	58.656	0.966	-0.966	-0.966
1.783	1.812	1.637	56.4	0.9005	-0.901	-0.901
1.788	1.816	1.619	54.144	0.8872	-0.887	-0.887
1.786	1.82	1.601	51.888	0.9117	-0.912	-0.912
1.789	1.821	1.589	49.632	0.9219	-0.922	-0.922
1.793	1.824	1.577	47.376	0.9226	-0.923	-0.923
1.797	1.827	1.569	45.12	0.913	-0.913	-0.913
1.805	1.83	1.564	42.864	0.9243	-0.924	-0.924
1.808	1.832	1.557	40.608	0.9625	-0.963	-0.963
1.81	1.831	1.553	38.352	1.002	-1.002	-1.002
1.813	1.831	1.552	36.096	1.014	-1.014	-1.014
1.814	1.833	1.549	33.84	1.011	-1.011	-1.011
1.815	1.836	1.544	31.584	0.9678	-0.968	-0.968
1.816	1.84	1.539	29.328	0.9016	-0.902	-0.902
1.818	1.843	1.536	27.072	0.81	-0.81	-0.81
1.821	1.846	1.536	24.816	0.7016	-0.702	-0.702
1.827	1.85	1.535	22.56	0.5783	-0.578	-0.578
1.832	1.854	1.535	20.304	0.4394	-0.439	-0.439
1.835	1.858	1.535	18.048	0.2986	-0.299	-0.299
1.837	1.863	1.535	15.792	0.1804	-0.18	-0.18
1.835	1.867	1.536	13.536	0.1904	-0.19	-0.19
1.831	1.869	1.537	11.28	0.0801	-0.08	-0.08
1.82	1.869	1.53	9.024	0.0801	-0.08	-0.08
1.734	1.763	1.422	6.768	0.025	-0.025	-0.025
1.715	1.802	1.52	4.512	0.025	-0.025	-0.025
1.546	1.679	1.407	2.256	0	0	0
1.67	1.576	1.711	106.03	1.95	-1.95	-1.95
1.678	1.592	1.714	103.78	1.984	-1.984	-1.984
1.684	1.611	1.718	101.52	2.01	-2.01	-2.01
1.695	1.625	1.724	99.264	2.03	-2.03	-2.03
1.703	1.638	1.729	97.008	2.027	-2.027	-2.027
1.708	1.652	1.731	94.752	1.993	-1.993	-1.993
1.712	1.666	1.733	92.496	1.937	-1.937	-1.937
1.718	1.68	1.737	90.24	1.88	-1.88	-1.88
1.723	1.693	1.737	87.984	1.816	-1.816	-1.816
1.726	1.702	1.735	85.728	1.757	-1.757	-1.757
1.732	1.713	1.737	83.472	1.707	-1.707	-1.707
1.737	1.728	1.738	81.216	1.654	-1.654	-1.654
1.739	1.741	1.742	78.96	1.6	-1.6	-1.6
1.746	1.753	1.744	76.704	1.525	-1.525	-1.525
1.752	1.764	1.74	74.448	1.457	-1.457	-1.457
1.758	1.772	1.733	72.192	1.395	-1.395	-1.395
1.769	1.781	1.734	69.936	1.354	-1.354	-1.354
1.772	1.788	1.724	67.68	1.311	-1.311	-1.311
1.77	1.793	1.704	65.424	1.265	-1.265	-1.265
1.77	1.799	1.685	63.168	1.178	-1.178	-1.178
1.77	1.802	1.668	60.912	1.073	-1.073	-1.073
1.774	1.807	1.652	58.656	0.966	-0.966	-0.966
1.783	1.812	1.637	56.4	0.9005	-0.901	-0.901
1.788	1.816	1.619	54.144	0.8872	-0.887	-0.887
1.786	1.82	1.601	51.888	0.9117	-0.912	-0.912
1.789	1.821	1.589	49.632	0.9219	-0.922	-0.922
1.793	1.824	1.577	47.376	0.9226	-0.923	-0.923
1.797	1.827	1.569	45.12	0.913	-0.913	-0.913
1.805	1.83	1.564	42.864	0.9243	-0.924	-0.924
1.808	1.832	1.557	40.608	0.9625	-0.963	-0.963
1.81	1.831	1.553	38.352	1.002	-1.002	-1.002
1.813	1.831	1.552	36.096	1.014	-1.014	-1.014