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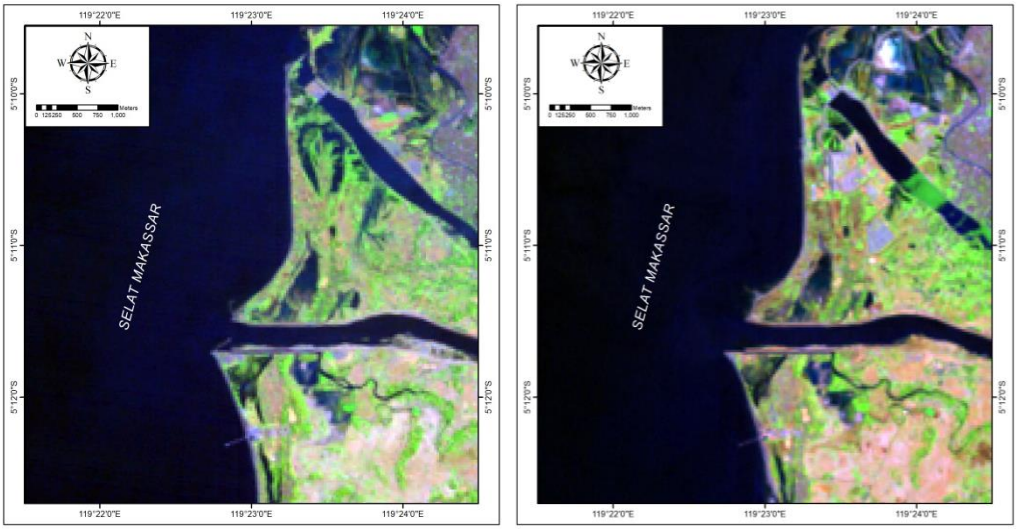
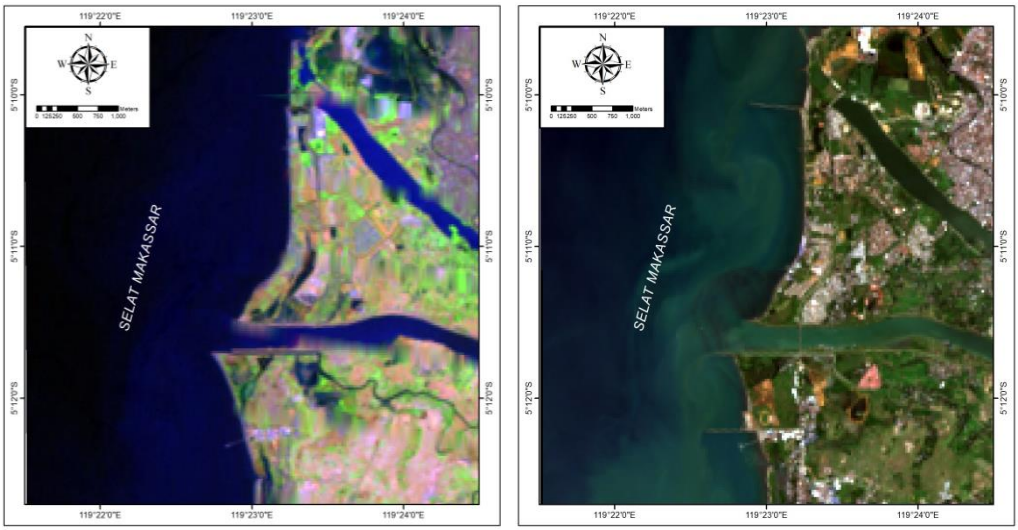
LAMPIRAN

Lampiran 1. Pemotongan dan Koreksi Citra

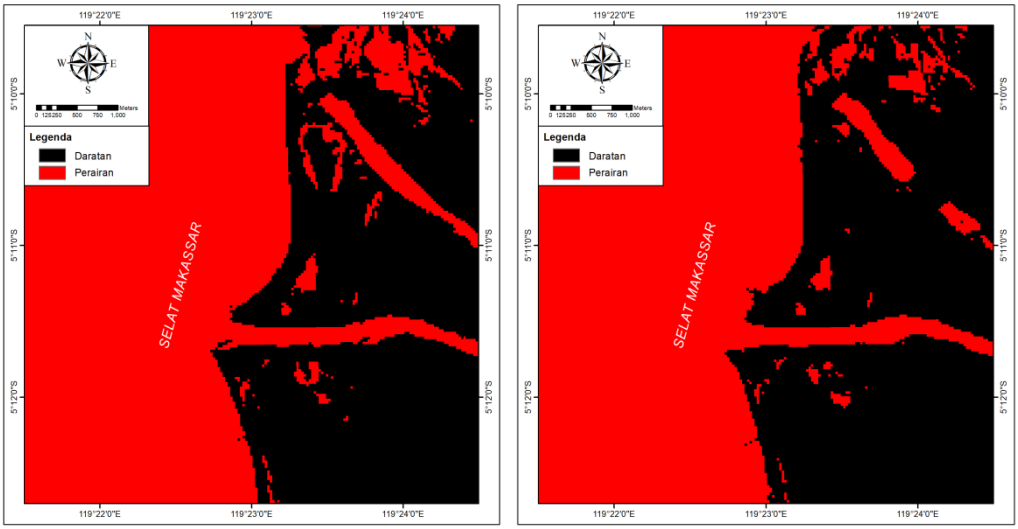


Gambar 43. Hasil Pemotongan dan Koreksi Citra (kiri: tahun 1996, kanan: tahun 2002)

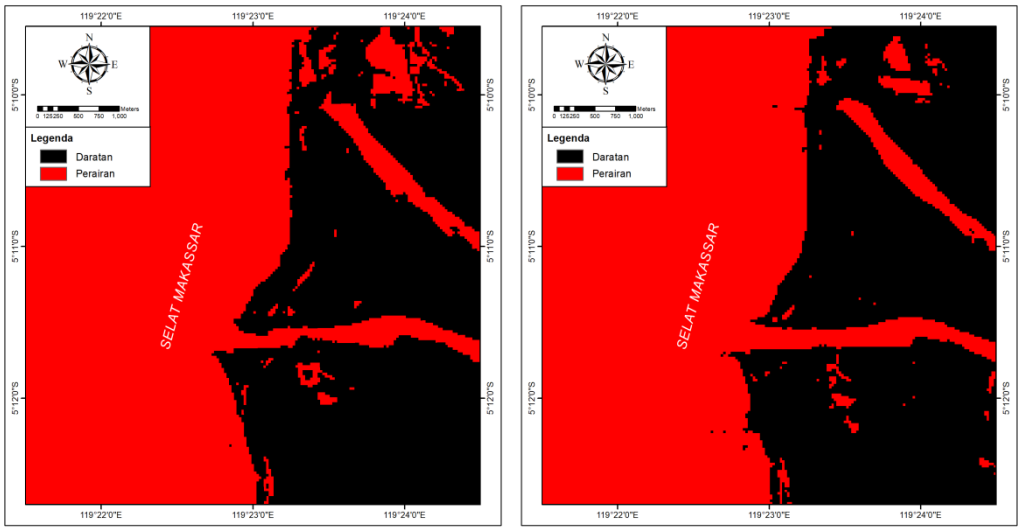


Gambar 44. Hasil Pemotongan dan Koreksi Citra (kiri: tahun 2008, kanan: tahun 2014)

Lampiran 2. Deliniasi Daratan dan Perairan

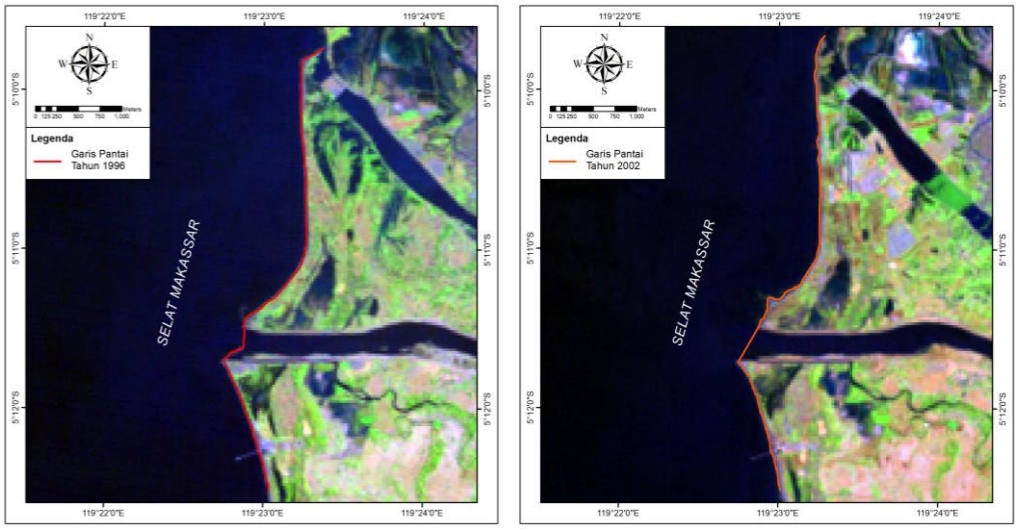


Gambar 45. Hasil Deliniasi Daratan dan Perairan (kiri: tahun 1996, kanan: tahun 2002)



Gambar 46. Hasil Deliniasi Daratan dan Perairan (kiri: tahun 2008, kanan: tahun 2014)

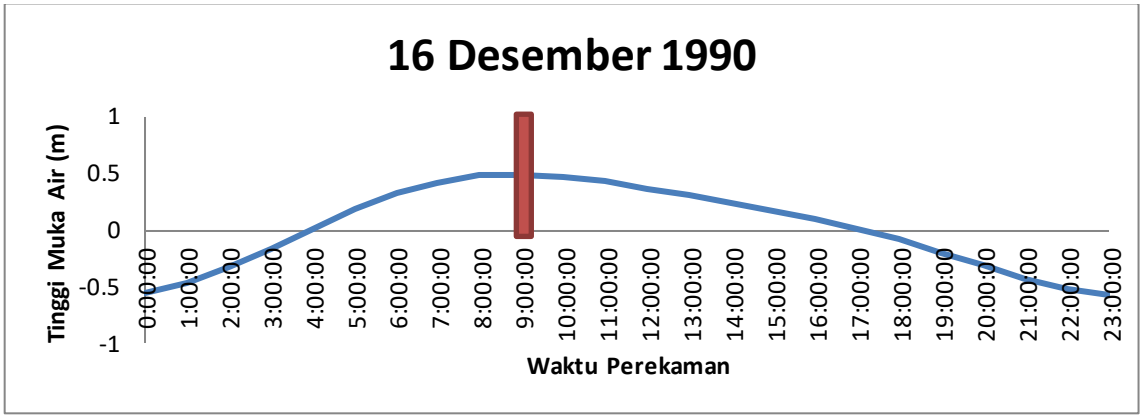
Lampiran 3. Digitasi Citra



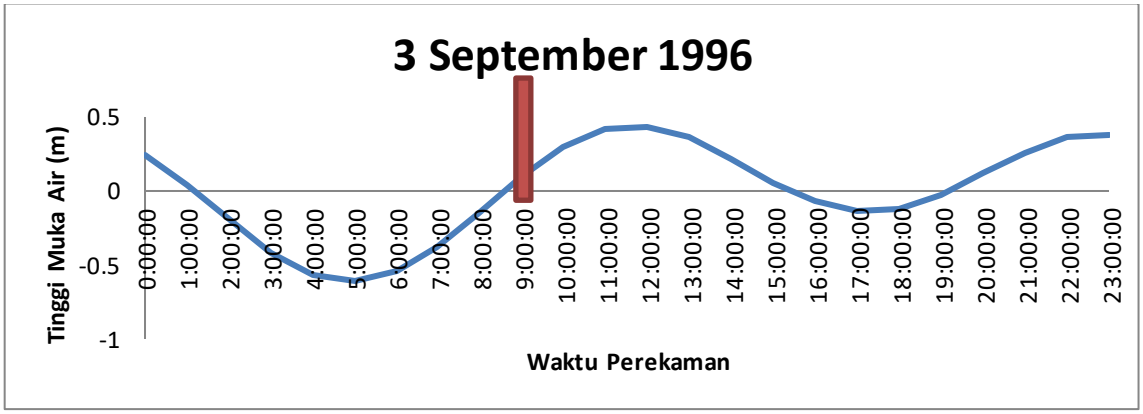
Gambar 47. Hasil *Overlay* Digitasi dengan Citra (kiri: tahun 1996, kanan: tahun 2002)

Gambar 48. Hasil *Overlay* Digitasi dengan Citra (kiri: tahun 2008, kanan: tahun 2014)

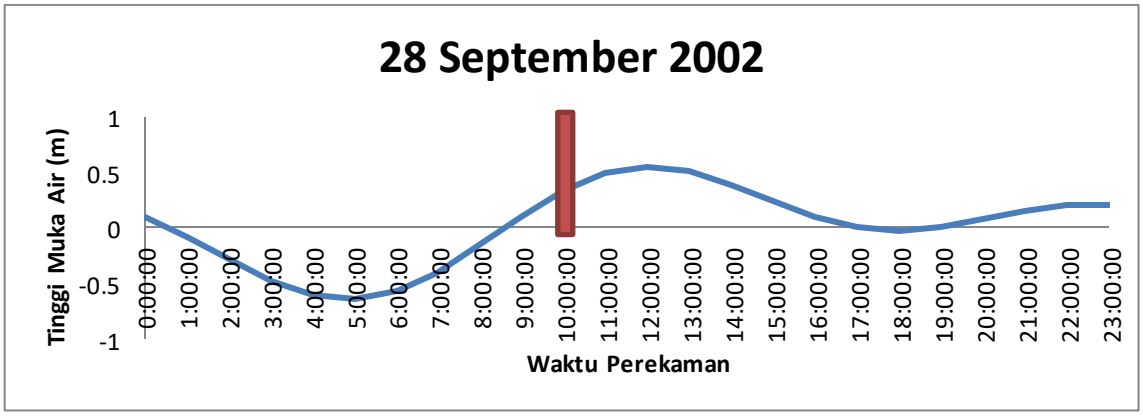
Lampiran 4. Hasil Prediksi Pasang Surut



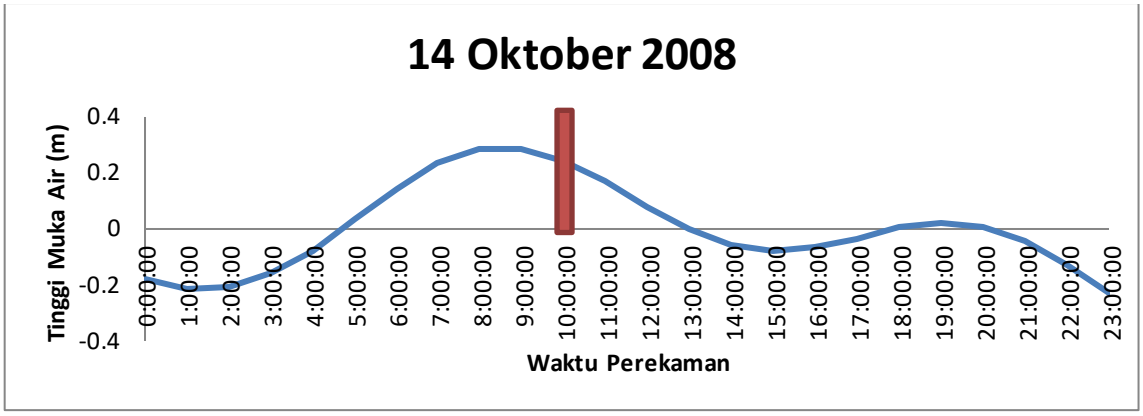
Gambar 49. Kondisi Pasang Surut Akusisi Citra 16 Desember 1990, Perekaman Data Citra dalam Kondisi Pasang (BIG, 1990)



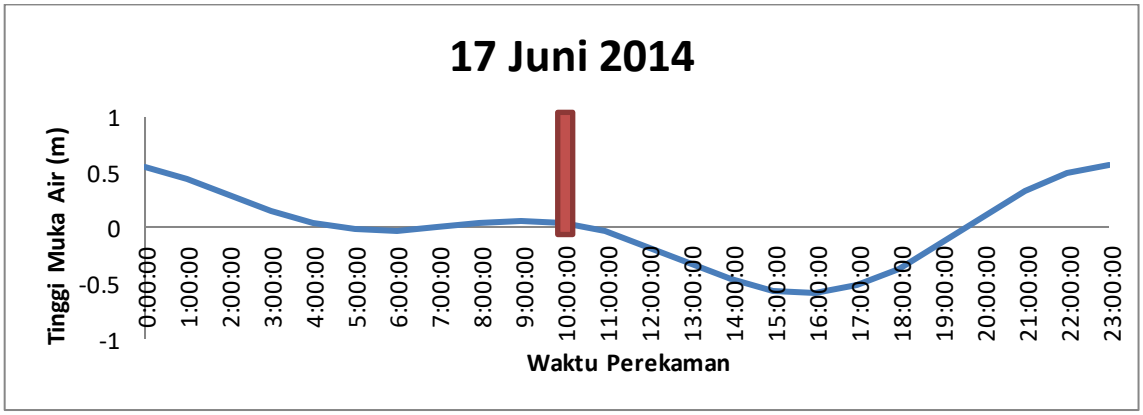
Gambar 50. Kondisi Pasang Surut Akusisi Citra 3 September 1996, Perekaman Data Citra dalam Kondisi Pasang (BIG, 1996)



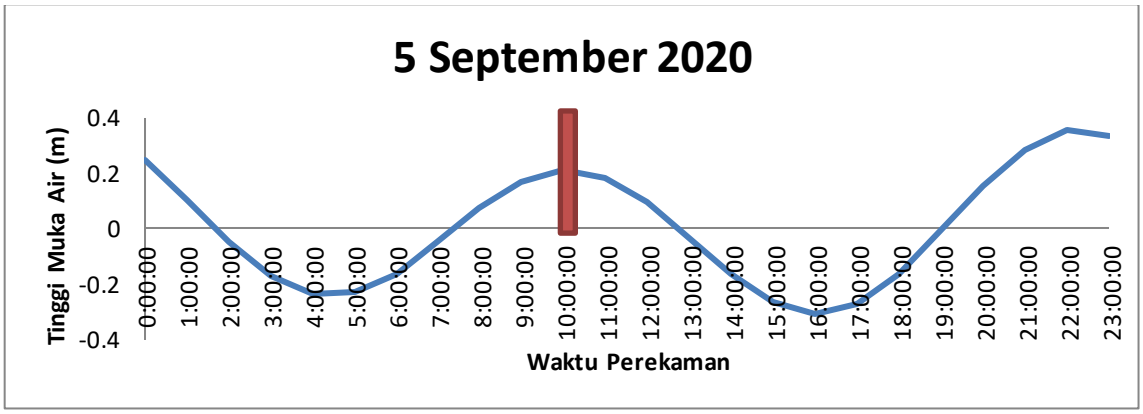
Gambar 51. Kondisi Pasang Surut Akusisi Citra 28 September 2002, Perekaman Data Citra dalam Kondisi Pasang (BIG, 2002)



Gambar 52. Kondisi Pasang Surut Akusisi Citra 14 Oktober 2008, Perekaman Data Citra dalam Kondisi Pasang (BIG, 2008)

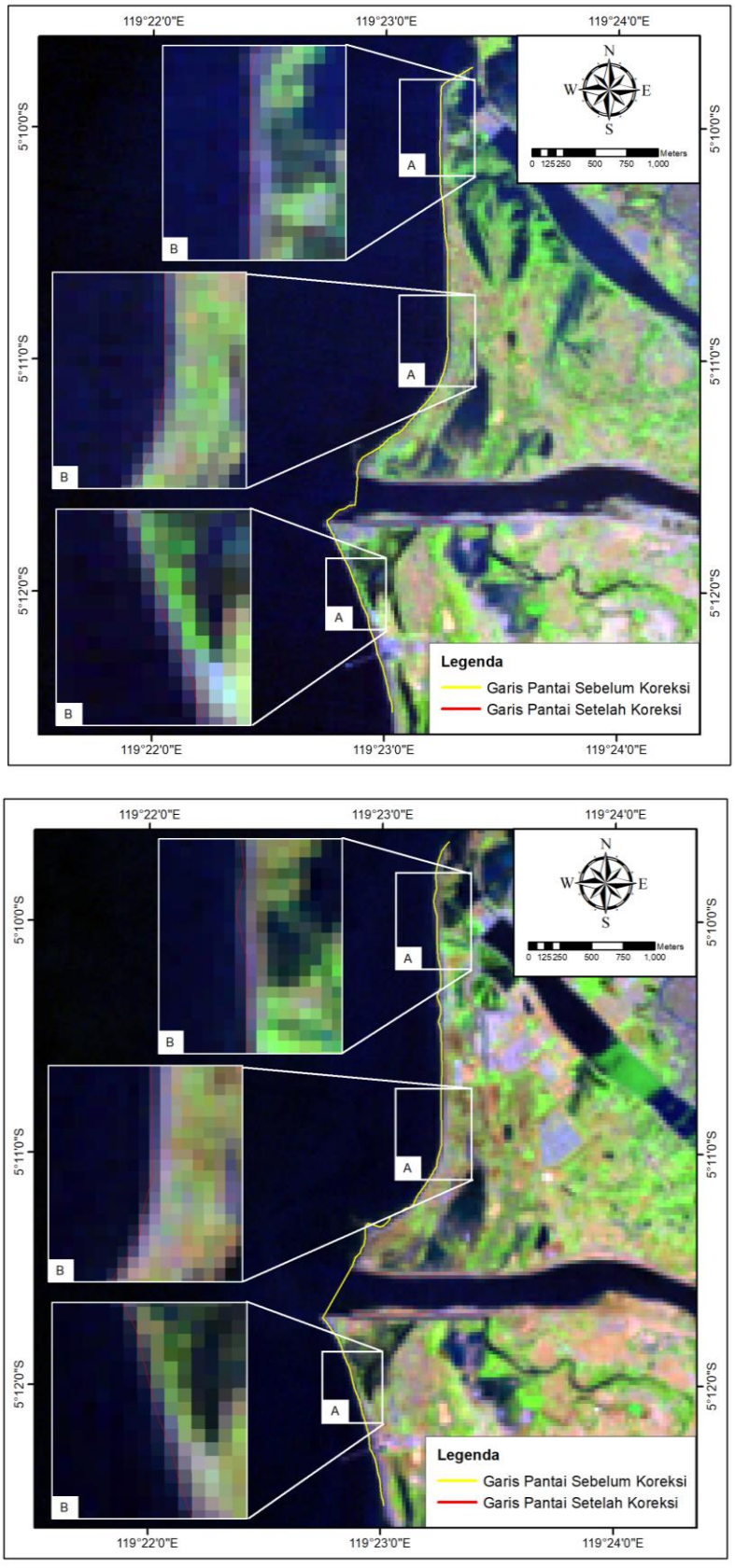


Gambar 53. Kondisi Pasang Surut Akusisi Citra 17 Juni 2014, Perekaman Data Citra dalam Kondisi Pasang (BIG, 2014)

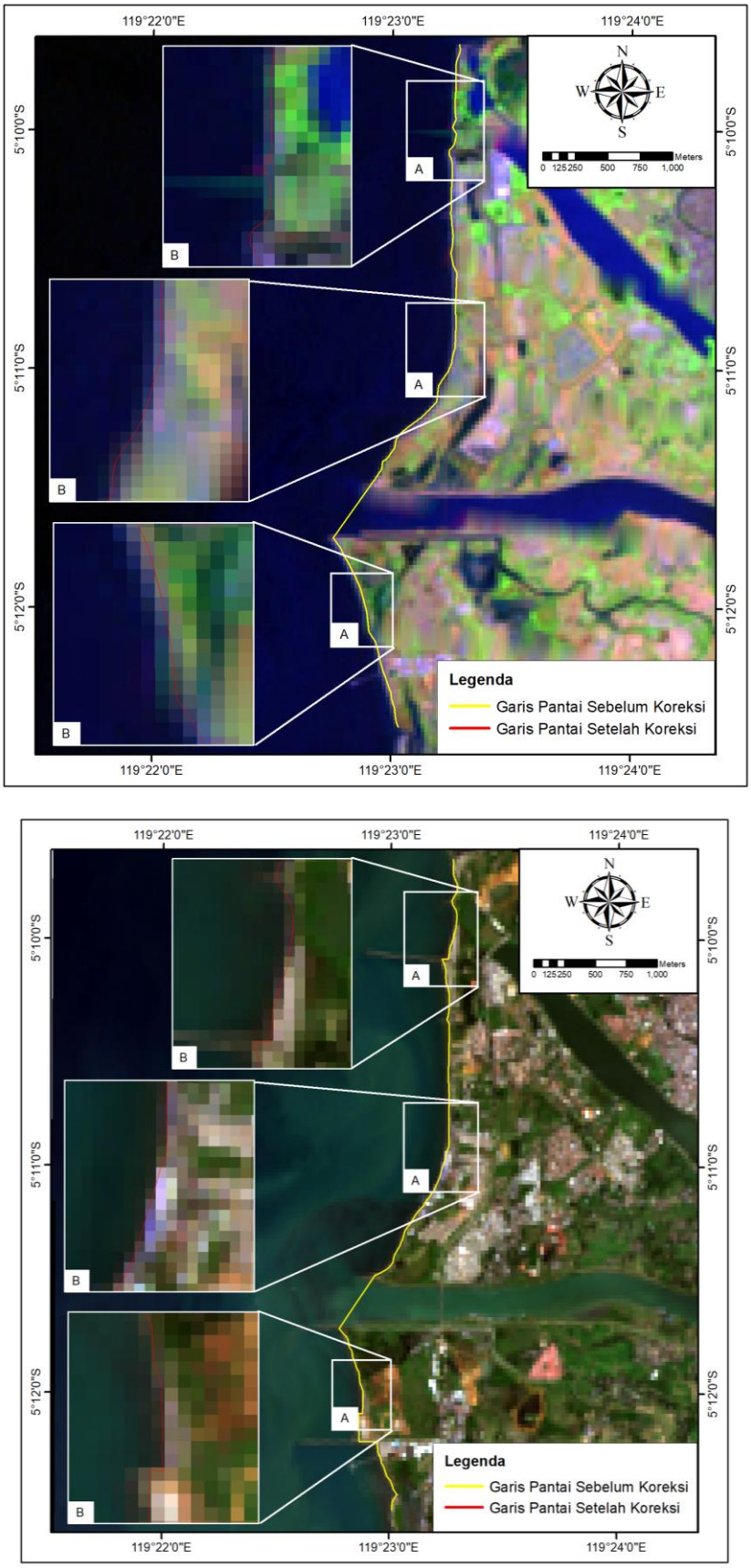


Gambar 54. Kondisi Pasang Surut Akusisi Citra 5 September 2020, Perekaman Data Citra dalam Kondisi Pasang (BIG, 2020)

Lampiran 5. Koreksi Garis Pantai di Citra



Gambar 55. Posisi Garis Pantai (A: sebelum, B: sesudah) koreksi terhadap pasang surut (atas: tahun 1996, bawah: tahun 2002)



Gambar 56. Posisi Garis Pantai (A: sebelum, B: sesudah) koreksi terhadap pasang surut (atas: tahun 2008, bawah: tahun 2014)

Lampiran 6. Koreksi Garis Pantai terhadap Pasang Surut

No. grid	Jarak (m)	Kedalaman Kontur (m)	Kelandaian	MSL (m)	ht 1990 (m)	Selisish MSL - ht 1990 (m)	x (m)	ht 1996 (m)	Selisish MSL - ht 1996 (m)	x (m)	ht 2002 (m)	Selisish MSL - ht 2002 (m)	x (m)	ht 2008 (m)	Selisish MSL - ht 2008 (m)	x (m)	ht 2014 (m)	Selisish MSL - ht 2014 (m)	x (m)	ht 2020 (m)	Selisish MSL - ht 2020 (m)	x (m)
1	14	1	0.071	0.8	1.623	-0.823	-11.52	1.154	-0.354	-4.96	1.549	-0.749	-10.49	1.096	-0.296	-4.14	1.314	-0.514	-7.20	0.919	-0.119	-1.67
2	14	1	0.071	0.8	1.623	-0.823	-11.52	1.154	-0.354	-4.96	1.549	-0.749	-10.49	1.096	-0.296	-4.14	1.314	-0.514	-7.20	0.919	-0.119	-1.67
3	14	1	0.071	0.8	1.623	-0.823	-11.52	1.154	-0.354	-4.96	1.549	-0.749	-10.49	1.096	-0.296	-4.14	1.314	-0.514	-7.20	0.919	-0.119	-1.67
4	7	1	0.143	0.8	1.623	-0.823	-5.76	1.154	-0.354	-2.48	1.549	-0.749	-5.24	1.096	-0.296	-2.07	1.314	-0.514	-3.60	0.919	-0.119	-0.83
5	7	1	0.143	0.8	1.623	-0.823	-5.76	1.154	-0.354	-2.48	1.549	-0.749	-5.24	1.096	-0.296	-2.07	1.314	-0.514	-3.60	0.919	-0.119	-0.83
6	8	1	0.125	0.8	1.623	-0.823	-6.58	1.154	-0.354	-2.83	1.549	-0.749	-5.99	1.096	-0.296	-2.37	1.314	-0.514	-4.11	0.919	-0.119	-0.95
7	8	1	0.125	0.8	1.623	-0.823	-6.58	1.154	-0.354	-2.83	1.549	-0.749	-5.99	1.096	-0.296	-2.37	1.314	-0.514	-4.11	0.919	-0.119	-0.95
8	10	1	0.100	0.8	1.623	-0.823	-8.23	1.154	-0.354	-3.54	1.549	-0.749	-7.49	1.096	-0.296	-2.96	1.314	-0.514	-5.14	0.919	-0.119	-1.19
9	7	1	0.143	0.8	1.623	-0.823	-5.76	1.154	-0.354	-2.48	1.549	-0.749	-5.24	1.096	-0.296	-2.07	1.314	-0.514	-3.60	0.919	-0.119	-0.83
10	7	1	0.143	0.8	1.623	-0.823	-5.76	1.154	-0.354	-2.48	1.549	-0.749	-5.24	1.096	-0.296	-2.07	1.314	-0.514	-3.60	0.919	-0.119	-0.83
11	9	1	0.111	0.8	1.623	-0.823	-7.41	1.154	-0.354	-3.19	1.549	-0.749	-6.74	1.096	-0.296	-2.66	1.314	-0.514	-4.63	0.919	-0.119	-1.07
12	18	1	0.056	0.8	1.623	-0.823	-14.81	1.154	-0.354	-6.37	1.549	-0.749	-13.48	1.096	-0.296	-5.33	1.314	-0.514	-9.25	0.919	-0.119	-2.14
13	9	1	0.111	0.8	1.623	-0.823	-7.41	1.154	-0.354	-3.19	1.549	-0.749	-6.74	1.096	-0.296	-2.66	1.314	-0.514	-4.63	0.919	-0.119	-1.07
14	8	1	0.125	0.8	1.623	-0.823	-6.58	1.154	-0.354	-2.83	1.549	-0.749	-5.99	1.096	-0.296	-2.37	1.314	-0.514	-4.11	0.919	-0.119	-0.95
15	19	1	0.053	0.8	1.623	-0.823	-15.64	1.154	-0.354	-6.73	1.549	-0.749	-14.23	1.096	-0.296	-5.62	1.314	-0.514	-9.77	0.919	-0.119	-2.26
16	24	1	0.042	0.8	1.623	-0.823	-19.75	1.154	-0.354	-8.50	1.549	-0.749	-17.98	1.096	-0.296	-7.10	1.314	-0.514	-12.34	0.919	-0.119	-2.86
17	13	1	0.077	0.8	1.623	-0.823	-10.70	1.154	-0.354	-4.60	1.549	-0.749	-9.74	1.096	-0.296	-3.85	1.314	-0.514	-6.68	0.919	-0.119	-1.55
18	10	1	0.100	0.8	1.623	-0.823	-8.23	1.154	-0.354	-3.54	1.549	-0.749	-7.49	1.096	-0.296	-2.96	1.314	-0.514	-5.14	0.919	-0.119	-1.19
19	9	1	0.111	0.8	1.623	-0.823	-7.41	1.154	-0.354	-3.19	1.549	-0.749	-6.74	1.096	-0.296	-2.66	1.314	-0.514	-4.63	0.919	-0.119	-1.07
20	8	1	0.125	0.8	1.623	-0.823	-6.58	1.154	-0.354	-2.83	1.549	-0.749	-5.99	1.096	-0.296	-2.37	1.314	-0.514	-4.11	0.919	-0.119	-0.95
21	8	1	0.125	0.8	1.623	-0.823	-6.58	1.154	-0.354	-2.83	1.549	-0.749	-5.99	1.096	-0.296	-2.37	1.314	-0.514	-4.11	0.919	-0.119	-0.95
22	9	1	0.111	0.8	1.623	-0.823	-7.41	1.154	-0.354	-3.19	1.549	-0.749	-6.74	1.096	-0.296	-2.66	1.314	-0.514	-4.63	0.919	-0.119	-1.07
23	11	1	0.091	0.8	1.623	-0.823	-9.05	1.154	-0.354	-3.89	1.549	-0.749	-8.24	1.096	-0.296	-3.26	1.314	-0.514	-5.65	0.919	-0.119	-1.3

No. grid	Jarak (m)	Kedalaman Kontur (m)	Kelandaian	MSL (m)	ht 1990 (m)	Selisish MSL - ht 1990 (m)	x (m)	ht 1996 (m)	Selisish MSL - ht 1996 (m)	x (m)	ht 2002 (m)	Selisish MSL - ht 2002 (m)	x (m)	ht 2008 (m)	Selisish MSL - ht 2008 (m)	x (m)	ht 2014 (m)	Selisish MSL - ht 2014 (m)	x (m)	ht 2020 (m)	Selisish MSL - ht 2020 (m)	x (m)
24	13	1	0.077	0.8	1.623	-0.823	-10.70	1.154	-0.354	-4.60	1.549	-0.749	-9.74	1.096	-0.296	-3.85	1.314	-0.514	-6.68	0.919	-0.119	-1.55
25	10	1	0.100	0.8	1.623	-0.823	-8.23	1.154	-0.354	-3.54	1.549	-0.749	-7.49	1.096	-0.296	-2.96	1.314	-0.514	-5.14	0.919	-0.119	-1.19
26	8	1	0.125	0.8	1.623	-0.823	-6.58	1.154	-0.354	-2.83	1.549	-0.749	-5.99	1.096	-0.296	-2.37	1.314	-0.514	-4.11	0.919	-0.119	-0.95
27	9	1	0.111	0.8	1.623	-0.823	-7.41	1.154	-0.354	-3.19	1.549	-0.749	-6.74	1.096	-0.296	-2.66	1.314	-0.514	-4.63	0.919	-0.119	-1.07
28	8	1	0.125	0.8	1.623	-0.823	-6.58	1.154	-0.354	-2.83	1.549	-0.749	-5.99	1.096	-0.296	-2.37	1.314	-0.514	-4.11	0.919	-0.119	-0.95
29	8	1	0.125	0.8	1.623	-0.823	-6.58	1.154	-0.354	-2.83	1.549	-0.749	-5.99	1.096	-0.296	-2.37	1.314	-0.514	-4.11	0.919	-0.119	-0.95
30	6	1	0.167	0.8	1.623	-0.823	-4.94	1.154	-0.354	-2.12	1.549	-0.749	-4.49	1.096	-0.296	-1.78	1.314	-0.514	-3.08	0.919	-0.119	-0.71
31	6	1	0.167	0.8	1.623	-0.823	-4.94	1.154	-0.354	-2.12	1.549	-0.749	-4.49	1.096	-0.296	-1.78	1.314	-0.514	-3.08	0.919	-0.119	-0.71
32	6	1	0.167	0.8	1.623	-0.823	-4.94	1.154	-0.354	-2.12	1.549	-0.749	-4.49	1.096	-0.296	-1.78	1.314	-0.514	-3.08	0.919	-0.119	-0.71
33	5	1	0.200	0.8	1.623	-0.823	-4.12	1.154	-0.354	-1.77	1.549	-0.749	-3.75	1.096	-0.296	-1.48	1.314	-0.514	-2.57	0.919	-0.119	-0.60
34	5	1	0.200	0.8	1.623	-0.823	-4.12	1.154	-0.354	-1.77	1.549	-0.749	-3.75	1.096	-0.296	-1.48	1.314	-0.514	-2.57	0.919	-0.119	-0.60
35	4	1	0.250	0.8	1.623	-0.823	-3.29	1.154	-0.354	-1.42	1.549	-0.749	-3.00	1.096	-0.296	-1.18	1.314	-0.514	-2.06	0.919	-0.119	-0.48
36	6	1	0.167	0.8	1.623	-0.823	-4.94	1.154	-0.354	-2.12	1.549	-0.749	-4.49	1.096	-0.296	-1.78	1.314	-0.514	-3.08	0.919	-0.119	-0.71
37	6	1	0.167	0.8	1.623	-0.823	-4.94	1.154	-0.354	-2.12	1.549	-0.749	-4.49	1.096	-0.296	-1.78	1.314	-0.514	-3.08	0.919	-0.119	-0.71
38	5	1	0.200	0.8	1.623	-0.823	-4.12	1.154	-0.354	-1.77	1.549	-0.749	-3.75	1.096	-0.296	-1.48	1.314	-0.514	-2.57	0.919	-0.119	-0.60
39	6	1	0.167	0.8	1.623	-0.823	-4.94	1.154	-0.354	-2.12	1.549	-0.749	-4.49	1.096	-0.296	-1.78	1.314	-0.514	-3.08	0.919	-0.119	-0.71
40	7	1	0.143	0.8	1.623	-0.823	-5.76	1.154	-0.354	-2.48	1.549	-0.749	-5.24	1.096	-0.296	-2.07	1.314	-0.514	-3.60	0.919	-0.119	-0.83
41	8	1	0.125	0.8	1.623	-0.823	-6.58	1.154	-0.354	-2.83	1.549	-0.749	-5.99	1.096	-0.296	-2.37	1.314	-0.514	-4.11	0.919	-0.119	-0.95
42	9	1	0.111	0.8	1.623	-0.823	-7.41	1.154	-0.354	-3.19	1.549	-0.749	-6.74	1.096	-0.296	-2.66	1.314	-0.514	-4.63	0.919	-0.119	-1.07
43	8	1	0.125	0.8	1.623	-0.823	-6.58	1.154	-0.354	-2.83	1.549	-0.749	-5.99	1.096	-0.296	-2.37	1.314	-0.514	-4.11	0.919	-0.119	-0.95
44	6	1	0.167	0.8	1.623	-0.823	-4.94	1.154	-0.354	-2.12	1.549	-0.749	-4.49	1.096	-0.296	-1.78	1.314	-0.514	-3.08	0.919	-0.119	-0.71
45	14	1	0.071	0.8	1.623	-0.823	-11.52	1.154	-0.354	-4.96	1.549	-0.749	-10.49	1.096	-0.296	-4.14	1.314	-0.514	-7.20	0.919	-0.119	-1.67
46	12	1	0.083	0.8	1.623	-0.823	-9.88	1.154	-0.354	-4.25	1.549	-0.749	-8.99	1.096	-0.296	-3.55	1.314	-0.514	-6.17	0.919	-0.119	-1.43
47	7	1	0.143	0,8	1.623	-0.823	-5.76	1.154	-0.354	-2.48	1.549	-0.749	-5.24	1.096	-0.296	-2.07	1.314	-0.514	-3.60	0.919	-0.119	-0.83

No. grid	Jarak (m)	Kedalaman Kontur (m)	Kelandaian	MSL (m)	ht 1990 (m)	Selisish MSL - ht 1990 (m)	x (m)	ht 1996 (m)	Selisish MSL - ht 1996 (m)	x (m)	ht 2002 (m)	Selisish MSL - ht 2002 (m)	x (m)	ht 2008 (m)	Selisish MSL - ht 2008 (m)	x (m)	ht 2014 (m)	Selisish MSL - ht 2014 (m)	x (m)	ht 2020 (m)	Selisish MSL - ht 2020 (m)	x (m)
48	6	1	0.167	0.8	1.623	-0.823	-4.94	1.154	-0.354	-2.12	1.549	-0.749	-4.49	1.096	-0.296	-1.78	1.314	-0.514	-3.08	0.919	-0.119	-0.71
49	8	1	0.125	0.8	1.623	-0.823	-6.58	1.154	-0.354	-2.83	1.549	-0.749	-5.99	1.096	-0.296	-2.37	1.314	-0.514	-4.11	0.919	-0.119	-0.95
50	8	1	0.125	0.8	1.623	-0.823	-6.58	1.154	-0.354	-2.83	1.549	-0.749	-5.99	1.096	-0.296	-2.37	1.314	-0.514	-4.11	0.919	-0.119	-0.95
51	17	1	0.059	0.8	1.623	-0.823	-13.99	1.154	-0.354	-6.02	1.549	-0.749	-12.73	1.096	-0.296	-5.03	1.314	-0.514	-8.74	0.919	-0.119	-2.02
52	15	1	0.067	0.8	1.623	-0.823	-12.35	1.154	-0.354	-5.31	1.549	-0.749	-11.24	1.096	-0.296	-4.44	1.314	-0.514	-7.71	0.919	-0.119	-1.79
53	19	1	0.053	0.8	1.623	-0.823	-15.64	1.154	-0.354	-6.73	1.549	-0.749	-14.23	1.096	-0.296	-5.62	1.314	-0.514	-9.77	0.919	-0.119	-2.26
54	9	1	0.111	0.8	1.623	-0.823	-7.41	1.154	-0.354	-3.19	1.549	-0.749	-6.74	1.096	-0.296	-2.66	1.314	-0.514	-4.63	0.919	-0.119	-1.07
55	19	1	0.053	0.8	1.623	-0.823	-15.64	1.154	-0.354	-6.73	1.549	-0.749	-14.23	1.096	-0.296	-5.62	1.314	-0.514	-9.77	0.919	-0.119	-2.26
56	12	1	0.083	0.8	1.623	-0.823	-9.88	1.154	-0.354	-4.25	1.549	-0.749	-8.99	1.096	-0.296	-3.55	1.314	-0.514	-6.17	0.919	-0.119	-1.43
57	12	1	0.083	0.8	1.623	-0.823	-9.88	1.154	-0.354	-4.25	1.549	-0.749	-8.99	1.096	-0.296	-3.55	1.314	-0.514	-6.17	0.919	-0.119	-1.43
58	14	1	0.071	0.8	1.623	-0.823	-11.52	1.154	-0.354	-4.96	1.549	-0.749	-10.49	1.096	-0.296	-4.14	1.314	-0.514	-7.20	0.919	-0.119	-1.67
59	10	1	0.100	0.8	1.623	-0.823	-8.23	1.154	-0.354	-3.54	1.549	-0.749	-7.49	1.096	-0.296	-2.96	1.314	-0.514	-5.14	0.919	-0.119	-1.19
60	11	1	0.091	0.8	1.623	-0.823	-9.05	1.154	-0.354	-3.89	1.549	-0.749	-8.24	1.096	-0.296	-3.26	1.314	-0.514	-5.65	0.919	-0.119	-1.31
61	10	1	0.100	0.8	1.623	-0.823	-8.23	1.154	-0.354	-3.54	1.549	-0.749	-7.49	1.096	-0.296	-2.96	1.314	-0.514	-5.14	0.919	-0.119	-1.19
62	9	1	0.111	0.8	1.623	-0.823	-7.41	1.154	-0.354	-3.19	1.549	-0.749	-6.74	1.096	-0.296	-2.66	1.314	-0.514	-4.63	0.919	-0.119	-1.07
63	9	1	0.111	0.8	1.623	-0.823	-7.41	1.154	-0.354	-3.19	1.549	-0.749	-6.74	1.096	-0.296	-2.66	1.314	-0.514	-4.63	0.919	-0.119	-1.07
64	9	1	0.111	0.8	1.623	-0.823	-7.41	1.154	-0.354	-3.19	1.549	-0.749	-6.74	1.096	-0.296	-2.66	1.314	-0.514	-4.63	0.919	-0.119	-1.07
65	10	1	0.100	0.8	1.623	-0.823	-8.23	1.154	-0.354	-3.54	1.549	-0.749	-7.49	1.096	-0.296	-2.96	1.314	-0.514	-5.14	0.919	-0.119	-1.19
66	10	1	0.100	0.8	1.623	-0.823	-8.23	1.154	-0.354	-3.54	1.549	-0.749	-7.49	1.096	-0.296	-2.96	1.314	-0.514	-5.14	0.919	-0.119	-1.19
67	10	1	0.100	0.8	1.623	-0.823	-8.23	1.154	-0.354	-3.54	1.549	-0.749	-7.49	1.096	-0.296	-2.96	1.314	-0.514	-5.14	0.919	-0.119	-1.19
68	8	1	0.125	0.8	1.623	-0.823	-6.58	1.154	-0.354	-2.83	1.549	-0.749	-5.99	1.096	-0.296	-2.37	1.314	-0.514	-4.11	0.919	-0.119	-0.95
69	9	1	0.111	0.8	1.623	-0.823	-7.41	1.154	-0.354	-3.19	1.549	-0.749	-6.74	1.096	-0.296	-2.66	1.314	-0.514	-4.63	0.919	-0.119	-1.07
70	8	1	0.125	0.8	1.623	-0.823	-6.58	1.154	-0.354	-2.83	1.549	-0.749	-5.99	1.096	-0.296	-2.37	1.314	-0.514	-4.11	0.919	-0.119	-0.95
71	8	1	0.125	0,8	1.623	-0.823	-6.58	1.154	-0.354	-2.83	1.549	-0.749	-5.99	1.096	-0.296	-2.37	1.314	-0.514	-4.11	0.919	-0.119	-0.95

No. grid	Jarak (m)	Kedalaman Kontur (m)	Kelandaian	MSL (m)	ht 1990 (m)	Selisish MSL - ht 1990 (m)	x (m)	ht 1996 (m)	Selisish MSL - ht 1996 (m)	x (m)	ht 2002 (m)	Selisish MSL - ht 2002 (m)	x (m)	ht 2008 (m)	Selisish MSL - ht 2008 (m)	x (m)	ht 2014 (m)	Selisish MSL - ht 2014 (m)	x (m)	ht 2020 (m)	Selisish MSL - ht 2020 (m)	x (m)
72	8	1	0.125	0.8	1.623	-0.823	-6.58	1.154	-0.354	-2.83	1.549	-0.749	-5.99	1.096	-0.296	-2.37	1.314	-0.514	-4.11	0.919	-0.119	-0.95
73	8	1	0.125	0.8	1.623	-0.823	-6.58	1.154	-0.354	-2.83	1.549	-0.749	-5.99	1.096	-0.296	-2.37	1.314	-0.514	-4.11	0.919	-0.119	-0.95
74	8	1	0.125	0.8	1.623	-0.823	-6.58	1.154	-0.354	-2.83	1.549	-0.749	-5.99	1.096	-0.296	-2.37	1.314	-0.514	-4.11	0.919	-0.119	-0.95
75	10	1	0.100	0.8	1.623	-0.823	-8.23	1.154	-0.354	-3.54	1.549	-0.749	-7.49	1.096	-0.296	-2.96	1.314	-0.514	-5.14	0.919	-0.119	-1.19
76	12	1	0.083	0.8	1.623	-0.823	-9.88	1.154	-0.354	-4.25	1.549	-0.749	-8.99	1.096	-0.296	-3.55	1.314	-0.514	-6.17	0.919	-0.119	-1.43
77	12	1	0.083	0.8	1.623	-0.823	-9.88	1.154	-0.354	-4.25	1.549	-0.749	-8.99	1.096	-0.296	-3.55	1.314	-0.514	-6.17	0.919	-0.119	-1.43
78	16	1	0.063	0.8	1.623	-0.823	-13.17	1.154	-0.354	-5.66	1.549	-0.749	-11.98	1.096	-0.296	-4.74	1.314	-0.514	-8.22	0.919	-0.119	-1.90
79	12	1	0.083	0.8	1.623	-0.823	-9.88	1.154	-0.354	-4.25	1.549	-0.749	-8.99	1.096	-0.296	-3.55	1.314	-0.514	-6.17	0.919	-0.119	-1.43
80	11	1	0.091	0.8	1.623	-0.823	-9.05	1.154	-0.354	-3.89	1.549	-0.749	-8.24	1.096	-0.296	-3.26	1.314	-0.514	-5.65	0.919	-0.119	-1.31
81	12	1	0.083	0.8	1.623	-0.823	-9.88	1.154	-0.354	-4.25	1.549	-0.749	-8.99	1.096	-0.296	-3.55	1.314	-0.514	-6.17	0.919	-0.119	-1.43
82	13	1	0.077	0.8	1.623	-0.823	-10.70	1.154	-0.354	-4.60	1.549	-0.749	-9.74	1.096	-0.296	-3.85	1.314	-0.514	-6.68	0.919	-0.119	-1.55
83	10	1	0.100	0.8	1.623	-0.823	-8.23	1.154	-0.354	-3.54	1.549	-0.749	-7.49	1.096	-0.296	-2.96	1.314	-0.514	-5.14	0.919	-0.119	-1.19
84	10	1	0.100	0.8	1.623	-0.823	-8.23	1.154	-0.354	-3.54	1.549	-0.749	-7.49	1.096	-0.296	-2.96	1.314	-0.514	-5.14	0.919	-0.119	-1.19
85	6	1	0.167	0.8	1.623	-0.823	-4.94	1.154	-0.354	-2.12	1.549	-0.749	-4.49	1.096	-0.296	-1.78	1.314	-0.514	-3.08	0.919	-0.119	-0.71
86	7	1	0.143	0.8	1.623	-0.823	-5.76	1.154	-0.354	-2.48	1.549	-0.749	-5.24	1.096	-0.296	-2.07	1.314	-0.514	-3.60	0.919	-0.119	-0.83
87	10	1	0.100	0.8	1.623	-0.823	-8.23	1.154	-0.354	-3.54	1.549	-0.749	-7.49	1.096	-0.296	-2.96	1.314	-0.514	-5.14	0.919	-0.119	-1.19
88	8	1	0.125	0.8	1.623	-0.823	-6.58	1.154	-0.354	-2.83	1.549	-0.749	-5.99	1.096	-0.296	-2.37	1.314	-0.514	-4.11	0.919	-0.119	-0.95
89	7	1	0.143	0.8	1.623	-0.823	-5.76	1.154	-0.354	-2.48	1.549	-0.749	-5.24	1.096	-0.296	-2.07	1.314	-0.514	-3.60	0.919	-0.119	-0.83
90	7	1	0.143	0.8	1.623	-0.823	-5.76	1.154	-0.354	-2.48	1.549	-0.749	-5.24	1.096	-0.296	-2.07	1.314	-0.514	-3.60	0.919	-0.119	-0.83
91	6	1	0.167	0.8	1.623	-0.823	-4.94	1.154	-0.354	-2.12	1.549	-0.749	-4.49	1.096	-0.296	-1.78	1.314	-0.514	-3.08	0.919	-0.119	-0.71
92	6	1	0.167	0.8	1.623	-0.823	-4.94	1.154	-0.354	-2.12	1.549	-0.749	-4.49	1.096	-0.296	-1.78	1.314	-0.514	-3.08	0.919	-0.119	-0.71
93	6	1	0.167	0.8	1.623	-0.823	-4.94	1.154	-0.354	-2.12	1.549	-0.749	-4.49	1.096	-0.296	-1.78	1.314	-0.514	-3.08	0.919	-0.119	-0.71
94	7	1	0.143	0.8	1.623	-0.823	-5.76	1.154	-0.354	-2.48	1.549	-0.749	-5.24	1.096	-0.296	-2.07	1.314	-0.514	-3.60	0.919	-0.119	-0.83
95	7	1	0.143	0,8	1.623	-0.823	-5.76	1.154	-0.354	-2.48	1.549	-0.749	-5.24	1.096	-0.296	-2.07	1.314	-0.514	-3.60	0.919	-0.119	-0.83

No. grid	Jarak (m)	Kedalaman Kontur (m)	Kelandaian	MSL (m)	ht 1990 (m)	Selisish MSL - ht 1990 (m)	x (m)	ht 1996 (m)	Selisish MSL - ht 1996 (m)	x (m)	ht 2002 (m)	Selisish MSL - ht 2002 (m)	x (m)	ht 2008 (m)	Selisish MSL - ht 2008 (m)	x (m)	ht 2014 (m)	Selisish MSL - ht 2014 (m)	x (m)	ht 2020 (m)	Selisish MSL - ht 2020 (m)	x (m)
96	7	1	0.143	0.8	1.623	-0.823	-5.76	1.154	-0.354	-2.48	1.549	-0.749	-5.24	1.096	-0.296	-2.07	1.314	-0.514	-3.60	0.919	-0.119	-0.83
97	8	1	0.125	0.8	1.623	-0.823	-6.58	1.154	-0.354	-2.83	1.549	-0.749	-5.99	1.096	-0.296	-2.37	1.314	-0.514	-4.11	0.919	-0.119	-0.95
98	7	1	0.143	0.8	1.623	-0.823	-5.76	1.154	-0.354	-2.48	1.549	-0.749	-5.24	1.096	-0.296	-2.07	1.314	-0.514	-3.60	0.919	-0.119	-0.83
99	6	1	0.167	0.8	1.623	-0.823	-4.94	1.154	-0.354	-2.12	1.549	-0.749	-4.49	1.096	-0.296	-1.78	1.314	-0.514	-3.08	0.919	-0.119	-0.71
100	6	1	0.167	0.8	1.623	-0.823	-4.94	1.154	-0.354	-2.12	1.549	-0.749	-4.49	1.096	-0.296	-1.78	1.314	-0.514	-3.08	0.919	-0.119	-0.71
101	6	1	0.167	0.8	1.623	-0.823	-4.94	1.154	-0.354	-2.12	1.549	-0.749	-4.49	1.096	-0.296	-1.78	1.314	-0.514	-3.08	0.919	-0.119	-0.71
102	6	1	0.167	0.8	1.623	-0.823	-4.94	1.154	-0.354	-2.12	1.549	-0.749	-4.49	1.096	-0.296	-1.78	1.314	-0.514	-3.08	0.919	-0.119	-0.71
103	7	1	0.143	0.8	1.623	-0.823	-5.76	1.154	-0.354	-2.48	1.549	-0.749	-5.24	1.096	-0.296	-2.07	1.314	-0.514	-3.60	0.919	-0.119	-0.83
104	7	1	0.143	0.8	1.623	-0.823	-5.76	1.154	-0.354	-2.48	1.549	-0.749	-5.24	1.096	-0.296	-2.07	1.314	-0.514	-3.60	0.919	-0.119	-0.83
105	6	1	0.167	0.8	1.623	-0.823	-4.94	1.154	-0.354	-2.12	1.549	-0.749	-4.49	1.096	-0.296	-1.78	1.314	-0.514	-3.08	0.919	-0.119	-0.71
106	5	1	0.200	0.8	1.623	-0.823	-4.12	1.154	-0.354	-1.77	1.549	-0.749	-3.75	1.096	-0.296	-1.48	1.314	-0.514	-2.57	0.919	-0.119	-0.60
107	7	1	0.143	0.8	1.623	-0.823	-5.76	1.154	-0.354	-2.48	1.549	-0.749	-5.24	1.096	-0.296	-2.07	1.314	-0.514	-3.60	0.919	-0.119	-0.83
108	10	1	0.100	0.8	1.623	-0.823	-8.23	1.154	-0.354	-3.54	1.549	-0.749	-7.49	1.096	-0.296	-2.96	1.314	-0.514	-5.14	0.919	-0.119	-1.19
109	10	1	0.100	0.8	1.623	-0.823	-8.23	1.154	-0.354	-3.54	1.549	-0.749	-7.49	1.096	-0.296	-2.96	1.314	-0.514	-5.14	0.919	-0.119	-1.19
110	9	1	0.111	0.8	1.623	-0.823	-7.41	1.154	-0.354	-3.19	1.549	-0.749	-6.74	1.096	-0.296	-2.66	1.314	-0.514	-4.63	0.919	-0.119	-1.07
111	12	1	0.083	0.8	1.623	-0.823	-9.88	1.154	-0.354	-4.25	1.549	-0.749	-8.99	1.096	-0.296	-3.55	1.314	-0.514	-6.17	0.919	-0.119	-1.43
112	14	1	0.071	0.8	1.623	-0.823	-11.52	1.154	-0.354	-4.96	1.549	-0.749	-10.49	1.096	-0.296	-4.14	1.314	-0.514	-7.20	0.919	-0.119	-1.67
113	9	1	0.111	0.8	1.623	-0.823	-7.41	1.154	-0.354	-3.19	1.549	-0.749	-6.74	1.096	-0.296	-2.66	1.314	-0.514	-4.63	0.919	-0.119	-1.07
114	8	1	0.125	0.8	1.623	-0.823	-6.58	1.154	-0.354	-2.83	1.549	-0.749	-5.99	1.096	-0.296	-2.37	1.314	-0.514	-4.11	0.919	-0.119	-0.95
115	11	1	0.091	0.8	1.623	-0.823	-9.05	1.154	-0.354	-3.89	1.549	-0.749	-8.24	1.096	-0.296	-3.26	1.314	-0.514	-5.65	0.919	-0.119	-1.31
116	14	1	0.071	0.8	1.623	-0.823	-11.52	1.154	-0.354	-4.96	1.549	-0.749	-10.49	1.096	-0.296	-4.14	1.314	-0.514	-7.20	0.919	-0.119	-1.67
117	12	1	0.083	0.8	1.623	-0.823	-9.88	1.154	-0.354	-4.25	1.549	-0.749	-8.99	1.096	-0.296	-3.55	1.314	-0.514	-6.17	0.919	-0.119	-1.43
118	9	1	0.111	0.8	1.623	-0.823	-7.41	1.154	-0.354	-3.19	1.549	-0.749	-6.74	1.096	-0.296	-2.66	1.314	-0.514	-4.63	0.919	-0.119	-1.07
119	6	1	0.167	0,8	1.623	-0.823	-4.94	1.154	-0.354	-2.12	1.549	-0.749	-4.49	1.096	-0.296	-1.78	1.314	-0.514	-3.08	0.919	-0.119	-0.71

No. grid	Jarak (m)	Kedalaman Kontur (m)	Kelandaian	MSL (m)	ht 1990 (m)	Selisish MSL - ht 1990 (m)	x (m)	ht 1996 (m)	Selisish MSL - ht 1996 (m)	x (m)	ht 2002 (m)	Selisish MSL - ht 2002 (m)	x (m)	ht 2008 (m)	Selisish MSL - ht 2008 (m)	x (m)	ht 2014 (m)	Selisish MSL - ht 2014 (m)	x (m)	ht 2020 (m)	Selisish MSL - ht 2020 (m)	x (m)
120	5	1	0.200	0.8	1.623	-0.823	-4.12	1.154	-0.354	-1.77	1.549	-0.749	-3.75	1.096	-0.296	-1.48	1.314	-0.514	-2.57	0.919	-0.119	-0.60
121	6	1	0.167	0.8	1.623	-0.823	-4.94	1.154	-0.354	-2.12	1.549	-0.749	-4.49	1.096	-0.296	-1.78	1.314	-0.514	-3.08	0.919	-0.119	-0.71
122	7	1	0.143	0.8	1.623	-0.823	-5.76	1.154	-0.354	-2.48	1.549	-0.749	-5.24	1.096	-0.296	-2.07	1.314	-0.514	-3.60	0.919	-0.119	-0.83
123	7	1	0.143	0.8	1.623	-0.823	-5.76	1.154	-0.354	-2.48	1.549	-0.749	-5.24	1.096	-0.296	-2.07	1.314	-0.514	-3.60	0.919	-0.119	-0.83
124	6	1	0.167	0.8	1.623	-0.823	-4.94	1.154	-0.354	-2.12	1.549	-0.749	-4.49	1.096	-0.296	-1.78	1.314	-0.514	-3.08	0.919	-0.119	-0.71
125	6	1	0.167	0.8	1.623	-0.823	-4.94	1.154	-0.354	-2.12	1.549	-0.749	-4.49	1.096	-0.296	-1.78	1.314	-0.514	-3.08	0.919	-0.119	-0.71
126	7	1	0.143	0.8	1.623	-0.823	-5.76	1.154	-0.354	-2.48	1.549	-0.749	-5.24	1.096	-0.296	-2.07	1.314	-0.514	-3.60	0.919	-0.119	-0.83
127	14	1	0.071	0.8	1.623	-0.823	-11.52	1.154	-0.354	-4.96	1.549	-0.749	-10.49	1.096	-0.296	-4.14	1.314	-0.514	-7.20	0.919	-0.119	-1.67
128	11	1	0.091	0.8	1.623	-0.823	-9.05	1.154	-0.354	-3.89	1.549	-0.749	-8.24	1.096	-0.296	-3.26	1.314	-0.514	-5.65	0.919	-0.119	-1.31
129	9	1	0.111	0.8	1.623	-0.823	-7.41	1.154	-0.354	-3.19	1.549	-0.749	-6.74	1.096	-0.296	-2.66	1.314	-0.514	-4.63	0.919	-0.119	-1.07
130	8	1	0.125	0.8	1.623	-0.823	-6.58	1.154	-0.354	-2.83	1.549	-0.749	-5.99	1.096	-0.296	-2.37	1.314	-0.514	-4.11	0.919	-0.119	-0.95
131	12	1	0.083	0.8	1.623	-0.823	-9.88	1.154	-0.354	-4.25	1.549	-0.749	-8.99	1.096	-0.296	-3.55	1.314	-0.514	-6.17	0.919	-0.119	-1.43
132	14	1	0.071	0.8	1.623	-0.823	-11.52	1.154	-0.354	-4.96	1.549	-0.749	-10.49	1.096	-0.296	-4.14	1.314	-0.514	-7.20	0.919	-0.119	-1.67
133	7	1	0.143	0.8	1.623	-0.823	-5.76	1.154	-0.354	-2.48	1.549	-0.749	-5.24	1.096	-0.296	-2.07	1.314	-0.514	-3.60	0.919	-0.119	-0.83
134	11	1	0.091	0.8	1.623	-0.823	-9.05	1.154	-0.354	-3.89	1.549	-0.749	-8.24	1.096	-0.296	-3.26	1.314	-0.514	-5.65	0.919	-0.119	-1.31
135	12	1	0.083	0.8	1.623	-0.823	-9.88	1.154	-0.354	-4.25	1.549	-0.749	-8.99	1.096	-0.296	-3.55	1.314	-0.514	-6.17	0.919	-0.119	-1.43
136	8	1	0.125	0.8	1.623	-0.823	-6.58	1.154	-0.354	-2.83	1.549	-0.749	-5.99	1.096	-0.296	-2.37	1.314	-0.514	-4.11	0.919	-0.119	-0.95
137	7	1	0.143	0.8	1.623	-0.823	-5.76	1.154	-0.354	-2.48	1.549	-0.749	-5.24	1.096	-0.296	-2.07	1.314	-0.514	-3.60	0.919	-0.119	-0.83
138	8	1	0.125	0.8	1.623	-0.823	-6.58	1.154	-0.354	-2.83	1.549	-0.749	-5.99	1.096	-0.296	-2.37	1.314	-0.514	-4.11	0.919	-0.119	-0.95
139	9	1	0.111	0.8	1.623	-0.823	-7.41	1.154	-0.354	-3.19	1.549	-0.749	-6.74	1.096	-0.296	-2.66	1.314	-0.514	-4.63	0.919	-0.119	-1.07
140	16	1	0.063	0.8	1.623	-0.823	-13.17	1.154	-0.354	-5.66	1.549	-0.749	-11.98	1.096	-0.296	-4.74	1.314	-0.514	-8.22	0.919	-0.119	-1.90
141	17	1	0.059	0.8	1.623	-0.823	-13.99	1.154	-0.354	-6.02	1.549	-0.749	-12.73	1.096	-0.296	-5.03	1.314	-0.514	-8.74	0.919	-0.119	-2.02
142	13	1	0.077	0.8	1.623	-0.823	-10.70	1.154	-0.354	-4.60	1.549	-0.749	-9.74	1.096	-0.296	-3.85	1.314	-0.514	-6.68	0.919	-0.119	-1.55
143	8	1	0.125	0,8	1.623	-0.823	-6.58	1.154	-0.354	-2.83	1.549	-0.749	-5.99	1.096	-0.296	-2.37	1.314	-0.514	-4.11	0.919	-0.119	-0.95

No. grid	Jarak (m)	Kedalaman Kontur (m)	Kelandaian	MSL (m)	ht 1990 (m)	Selisish MSL - ht 1990 (m)	x (m)	ht 1996 (m)	Selisish MSL - ht 1996 (m)	x (m)	ht 2002 (m)	Selisish MSL - ht 2002 (m)	x (m)	ht 2008 (m)	Selisish MSL - ht 2008 (m)	x (m)	ht 2014 (m)	Selisish MSL - ht 2014 (m)	x (m)	ht 2020 (m)	Selisish MSL - ht 2020 (m)	x (m)
144	7	1	0.143	0.8	1.623	-0.823	-5.76	1.154	-0.354	-2.48	1.549	-0.749	-5.24	1.096	-0.296	-2.07	1.314	-0.514	-3.60	0.919	-0.119	-0.83
145	8	1	0.125	0.8	1.623	-0.823	-6.58	1.154	-0.354	-2.83	1.549	-0.749	-5.99	1.096	-0.296	-2.37	1.314	-0.514	-4.11	0.919	-0.119	-0.95
146	9	1	0.111	0.8	1.623	-0.823	-7.41	1.154	-0.354	-3.19	1.549	-0.749	-6.74	1.096	-0.296	-2.66	1.314	-0.514	-4.63	0.919	-0.119	-1.07
147	8	1	0.125	0.8	1.623	-0.823	-6.58	1.154	-0.354	-2.83	1.549	-0.749	-5.99	1.096	-0.296	-2.37	1.314	-0.514	-4.11	0.919	-0.119	-0.95
148	11	1	0.091	0.8	1.623	-0.823	-9.05	1.154	-0.354	-3.89	1.549	-0.749	-8.24	1.096	-0.296	-3.26	1.314	-0.514	-5.65	0.919	-0.119	-1.31
149	9	1	0.111	0.8	1.623	-0.823	-7.41	1.154	-0.354	-3.19	1.549	-0.749	-6.74	1.096	-0.296	-2.66	1.314	-0.514	-4.63	0.919	-0.119	-1.07
150	15	1	0.067	0.8	1.623	-0.823	-12.35	1.154	-0.354	-5.31	1.549	-0.749	-11.24	1.096	-0.296	-4.44	1.314	-0.514	-7.71	0.919	-0.119	-1.79
151	20	1	0.050	0.8	1.623	-0.823	-16.46	1.154	-0.354	-7.08	1.549	-0.749	-14.98	1.096	-0.296	-5.92	1.314	-0.514	-10.28	0.919	-0.119	-2.38
152	15	1	0.067	0.8	1.623	-0.823	-12.35	1.154	-0.354	-5.31	1.549	-0.749	-11.24	1.096	-0.296	-4.44	1.314	-0.514	-7.71	0.919	-0.119	-1.79
153	19	1	0.053	0.8	1.623	-0.823	-15.64	1.154	-0.354	-6.73	1.549	-0.749	-14.23	1.096	-0.296	-5.62	1.314	-0.514	-9.77	0.919	-0.119	-2.26
154	18	1	0.056	0.8	1.623	-0.823	-14.81	1.154	-0.354	-6.37	1.549	-0.749	-13.48	1.096	-0.296	-5.33	1.314	-0.514	-9.25	0.919	-0.119	-2.14
155	11	1	0.091	0.8	1.623	-0.823	-9.05	1.154	-0.354	-3.89	1.549	-0.749	-8.24	1.096	-0.296	-3.26	1.314	-0.514	-5.65	0.919	-0.119	-1.31
156	14	1	0.071	0.8	1.623	-0.823	-11.52	1.154	-0.354	-4.96	1.549	-0.749	-10.49	1.096	-0.296	-4.14	1.314	-0.514	-7.20	0.919	-0.119	-1.67
157	11	1	0.091	0.8	1.623	-0.823	-9.05	1.154	-0.354	-3.89	1.549	-0.749	-8.24	1.096	-0.296	-3.26	1.314	-0.514	-5.65	0.919	-0.119	-1.31
158	10	1	0.100	0.8	1.623	-0.823	-8.23	1.154	-0.354	-3.54	1.549	-0.749	-7.49	1.096	-0.296	-2.96	1.314	-0.514	-5.14	0.919	-0.119	-1.19
159	11	1	0.091	0.8	1.623	-0.823	-9.05	1.154	-0.354	-3.89	1.549	-0.749	-8.24	1.096	-0.296	-3.26	1.314	-0.514	-5.65	0.919	-0.119	-1.31
160	13	1	0.077	0.8	1.623	-0.823	-10.70	1.154	-0.354	-4.60	1.549	-0.749	-9.74	1.096	-0.296	-3.85	1.314	-0.514	-6.68	0.919	-0.119	-1.55
161	15	1	0.067	0.8	1.623	-0.823	-12.35	1.154	-0.354	-5.31	1.549	-0.749	-11.24	1.096	-0.296	-4.44	1.314	-0.514	-7.71	0.919	-0.119	-1.79
162	20	1	0.050	0.8	1.623	-0.823	-16.46	1.154	-0.354	-7.08	1.549	-0.749	-14.98	1.096	-0.296	-5.92	1.314	-0.514	-10.28	0.919	-0.119	-2.38
163	21	1	0.048	0.8	1.623	-0.823	-17.28	1.154	-0.354	-7.43	1.549	-0.749	-15.73	1.096	-0.296	-6.22	1.314	-0.514	-10.79	0.919	-0.119	-2.50
164	13	1	0.077	0.8	1.623	-0.823	-10.70	1.154	-0.354	-4.60	1.549	-0.749	-9.74	1.096	-0.296	-3.85	1.314	-0.514	-6.68	0.919	-0.119	-1.55
165	13	1	0.077	0.8	1.623	-0.823	-10.70	1.154	-0.354	-4.60	1.549	-0.749	-9.74	1.096	-0.296	-3.85	1.314	-0.514	-6.68	0.919	-0.119	-1.55
166	15	1	0.067	0.8	1.623	-0.823	-12.35	1.154	-0.354	-5.31	1.549	-0.749	-11.24	1.096	-0.296	-4.44	1.314	-0.514	-7.71	0.919	-0.119	-1.79
167	17	1	0.059	0,8	1.623	-0.823	-13.99	1.154	-0.354	-6.02	1.549	-0.749	-12.73	1.096	-0.296	-5.03	1.314	-0.514	-8.74	0.919	-0.119	-2.02

No. grid	Jarak (m)	Kedalaman Kontur (m)	Kelandaian	MSL (m)	ht 1990 (m)	Selisish MSL - ht 1990 (m)	x (m)	ht 1996 (m)	Selisish MSL - ht 1996 (m)	x (m)	ht 2002 (m)	Selisish MSL - ht 2002 (m)	x (m)	ht 2008 (m)	Selisish MSL - ht 2008 (m)	x (m)	ht 2014 (m)	Selisish MSL - ht 2014 (m)	x (m)	ht 2020 (m)	Selisish MSL - ht 2020 (m)	x (m)
168	17	1	0.059	0.8	1.623	-0.823	-13.99	1.154	-0.354	-6.02	1.549	-0.749	-12.73	1.096	-0.296	-5.03	1.314	-0.514	-8.74	0.919	-0.119	-2.02
169	13	1	0.077	0.8	1.623	-0.823	-10.70	1.154	-0.354	-4.60	1.549	-0.749	-9.74	1.096	-0.296	-3.85	1.314	-0.514	-6.68	0.919	-0.119	-1.55
170	13	1	0.077	0.8	1.623	-0.823	-10.70	1.154	-0.354	-4.60	1.549	-0.749	-9.74	1.096	-0.296	-3.85	1.314	-0.514	-6.68	0.919	-0.119	-1.55
171	12	1	0.083	0.8	1.623	-0.823	-9.88	1.154	-0.354	-4.25	1.549	-0.749	-8.99	1.096	-0.296	-3.55	1.314	-0.514	-6.17	0.919	-0.119	-1.43
172	9	1	0.111	0.8	1.623	-0.823	-7.41	1.154	-0.354	-3.19	1.549	-0.749	-6.74	1.096	-0.296	-2.66	1.314	-0.514	-4.63	0.919	-0.119	-1.07