

bbEen2 Comparison between current analysis and prior analysis

Pressure comparison			
time interval	Pressure Coef. counts/counts	Difference counts/counts	Percent change
2011 358.0 to 2012 93.0	-0.00174 ± 0.00024	-0.00049	39.2
2012 15.0 to 2012 115.0	-0.00172 ± 0.00027	-0.00047	37.6
2012 37.0 to 2012 137.0	-0.00149 ± 0.00032	-0.00024	19.2
2012 59.0 to 2012 159.0	-0.00142 ± 0.00033	-0.00017	13.6
2012 81.0 to 2012 181.0	-0.00187 ± 0.00014	-0.00062	49.6
2012 103.0 to 2012 203.0	-0.00154 ± 0.00017	-0.00029	23.2
2012 125.0 to 2012 225.0	-0.00115 ± 0.00019	0.00010	-8.0
2012 147.0 to 2012 247.0	-0.00082 ± 0.00018	0.00043	-34.4
2012 169.0 to 2012 269.0	-0.00072 ± 0.00019	0.00053	-42.4
2012 191.0 to 2012 291.0	-0.00091 ± 0.00021	0.00034	-27.2
2012 213.0 to 2012 313.0	-0.00116 ± 0.00019	0.00009	-7.2
2012 235.0 to 2012 335.0	-0.00145 ± 0.00018	-0.00020	16.0
2012 249.0 to 2012 349.0	-0.00132 ± 0.00019	-0.00007	5.6
2012 271.0 to 2013 5.0	-0.00131 ± 0.00015	-0.00006	4.8
2012 293.0 to 2013 27.0	-0.00118 ± 0.00014	0.00007	-5.6
2012 315.0 to 2013 49.0	-0.00128 ± 0.00014	-0.00003	2.4
2012 332.0 to 2013 71.0	-0.00151 ± 0.00012	-0.00026	20.8
2012 359.0 to 2013 93.0	-0.00132 ± 0.00013	-0.00007	5.6
2013 15.0 to 2013 115.0	-0.00123 ± 0.00014	0.00002	-1.6
2013 37.0 to 2013 137.0	-0.00133 ± 0.00014	-0.00008	6.4

Tidal comparison M2				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2011 358.0 to 2012 93.0	12.34 ± 0.09	-122.5 ± 0.4	0.90	6.8
2012 15.0 to 2012 115.0	12.76 ± 0.10	-123.3 ± 0.4	0.44	3.4
2012 37.0 to 2012 137.0	12.88 ± 0.11	-123.2 ± 0.5	0.35	2.7
2012 59.0 to 2012 159.0	13.07 ± 0.10	-124.1 ± 0.4	0.09	0.7
2012 81.0 to 2012 181.0	13.03 ± 0.05	-125.3 ± 0.2	0.31	2.3
2012 103.0 to 2012 203.0	12.76 ± 0.05	-124.9 ± 0.2	0.44	3.4
2012 125.0 to 2012 225.0	12.75 ± 0.05	-124.4 ± 0.2	0.42	3.2
2012 147.0 to 2012 247.0	12.76 ± 0.05	-123.6 ± 0.2	0.42	3.2
2012 169.0 to 2012 269.0	12.81 ± 0.04	-122.8 ± 0.2	0.46	3.5
2012 191.0 to 2012 291.0	12.83 ± 0.05	-122.1 ± 0.2	0.56	4.3
2012 213.0 to 2012 313.0	12.89 ± 0.05	-121.6 ± 0.2	0.63	4.8
2012 235.0 to 2012 335.0	12.80 ± 0.06	-121.6 ± 0.3	0.67	5.1
2012 249.0 to 2012 349.0	12.58 ± 0.06	-123.6 ± 0.3	0.60	4.5
2012 271.0 to 2013 5.0	12.55 ± 0.06	-125.5 ± 0.3	0.69	5.2
2012 293.0 to 2013 27.0	12.52 ± 0.05	-126.5 ± 0.2	0.84	6.4
2012 315.0 to 2013 49.0	12.51 ± 0.05	-127.1 ± 0.2	0.94	7.1
2012 332.0 to 2013 71.0	12.63 ± 0.05	-126.8 ± 0.2	0.81	6.2
2012 359.0 to 2013 93.0	12.76 ± 0.05	-125.5 ± 0.2	0.51	3.9
2013 15.0 to 2013 115.0	12.88 ± 0.05	-124.9 ± 0.2	0.34	2.6
2013 37.0 to 2013 137.0	13.01 ± 0.05	-124.5 ± 0.2	0.18	1.4

Tidal comparison O1				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2011 358.0 to 2012 93.0	3.70 ± 0.16	-90.1 ± 2.5	0.35	10.0
2012 15.0 to 2012 115.0	3.65 ± 0.21	-89.0 ± 3.3	0.40	11.3
2012 37.0 to 2012 137.0	3.41 ± 0.22	-91.2 ± 3.7	0.29	8.1
2012 59.0 to 2012 159.0	3.54 ± 0.22	-90.1 ± 3.6	0.32	9.0
2012 81.0 to 2012 181.0	3.50 ± 0.10	-89.1 ± 1.6	0.38	10.8
2012 103.0 to 2012 203.0	3.73 ± 0.10	-87.7 ± 1.5	0.51	14.3
2012 125.0 to 2012 225.0	3.82 ± 0.10	-89.1 ± 1.5	0.47	13.3
2012 147.0 to 2012 247.0	3.96 ± 0.09	-90.6 ± 1.3	0.50	14.1
2012 169.0 to 2012 269.0	3.94 ± 0.08	-90.3 ± 1.2	0.50	14.0
2012 191.0 to 2012 291.0	3.85 ± 0.10	-92.6 ± 1.5	0.34	9.5
2012 213.0 to 2012 313.0	3.76 ± 0.10	-92.5 ± 1.5	0.27	7.5
2012 235.0 to 2012 335.0	3.55 ± 0.10	-90.3 ± 1.6	0.31	8.6
2012 249.0 to 2012 349.0	3.38 ± 0.11	-91.3 ± 1.9	0.30	8.4
2012 271.0 to 2013 5.0	3.39 ± 0.10	-89.3 ± 1.7	0.40	11.2
2012 293.0 to 2013 27.0	3.52 ± 0.10	-90.8 ± 1.6	0.28	7.8
2012 315.0 to 2013 49.0	3.49 ± 0.10	-92.5 ± 1.6	0.18	5.1
2012 332.0 to 2013 71.0	3.55 ± 0.09	-92.9 ± 1.5	0.15	4.1
2012 359.0 to 2013 93.0	3.44 ± 0.08	-93.6 ± 1.3	0.16	4.4
2013 15.0 to 2013 115.0	3.17 ± 0.09	-95.9 ± 1.6	0.39	11.0
2013 37.0 to 2013 137.0	3.08 ± 0.09	-95.6 ± 1.7	0.48	13.5

Tidal comparison K1				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2011 358.0 to 2012 93.0	4.12 ± 0.75	37.5 ± 10.4	0.71	19.2
2012 15.0 to 2012 115.0	3.83 ± 1.01	45.3 ± 15.1	1.05	28.6
2012 37.0 to 2012 137.0	3.16 ± 1.08	47.7 ± 19.6	1.20	32.7
2012 59.0 to 2012 159.0	3.50 ± 1.04	33.0 ± 17.0	0.29	7.9
2012 81.0 to 2012 181.0	3.84 ± 0.48	56.6 ± 7.2	1.78	48.3
2012 103.0 to 2012 203.0	4.22 ± 0.47	53.4 ± 6.4	1.73	47.0
2012 125.0 to 2012 225.0	3.95 ± 0.47	31.0 ± 6.8	0.29	7.9
2012 147.0 to 2012 247.0	4.19 ± 0.43	50.8 ± 5.9	1.55	42.1
2012 169.0 to 2012 269.0	3.61 ± 0.41	45.1 ± 6.5	1.00	27.2
2012 191.0 to 2012 291.0	4.12 ± 0.48	38.9 ± 6.7	0.78	21.3
2012 213.0 to 2012 313.0	4.41 ± 0.48	44.9 ± 6.2	1.31	35.6
2012 235.0 to 2012 335.0	3.12 ± 0.51	31.5 ± 9.4	0.57	15.6
2012 249.0 to 2012 349.0	3.49 ± 0.53	24.8 ± 8.7	0.34	9.3
2012 271.0 to 2013 5.0	3.36 ± 0.51	64.6 ± 8.7	2.15	58.5
2012 293.0 to 2013 27.0	3.51 ± 0.48	29.8 ± 7.8	0.17	4.7
2012 315.0 to 2013 49.0	4.58 ± 0.48	33.7 ± 6.0	0.95	25.9
2012 332.0 to 2013 71.0	3.64 ± 0.37	20.2 ± 5.8	0.59	15.9
2012 359.0 to 2013 93.0	2.52 ± 0.43	17.6 ± 9.8	1.32	35.8
2013 15.0 to 2013 115.0	4.58 ± 0.42	28.1 ± 5.3	0.91	24.6
2013 37.0 to 2013 137.0	3.80 ± 0.42	16.0 ± 6.3	0.88	23.9

Tidal comparison S2				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2011 358.0 to 2012 93.0	4.44 ± 0.42	43.1 ± 5.4	0.48	10.7
2012 15.0 to 2012 115.0	4.60 ± 0.45	32.0 ± 5.6	0.40	8.9
2012 37.0 to 2012 137.0	3.32 ± 0.47	25.1 ± 8.1	1.45	32.0
2012 59.0 to 2012 159.0	3.17 ± 0.45	42.3 ± 8.1	1.40	30.9
2012 81.0 to 2012 181.0	4.99 ± 0.23	38.9 ± 2.6	0.49	10.8
2012 103.0 to 2012 203.0	3.99 ± 0.22	34.9 ± 3.2	0.56	12.3
2012 125.0 to 2012 225.0	3.72 ± 0.22	39.3 ± 3.4	0.82	18.2
2012 147.0 to 2012 247.0	3.88 ± 0.20	32.8 ± 3.0	0.71	15.8
2012 169.0 to 2012 269.0	4.23 ± 0.19	31.3 ± 2.6	0.53	11.6
2012 191.0 to 2012 291.0	4.24 ± 0.22	28.3 ± 3.0	0.72	16.0
2012 213.0 to 2012 313.0	4.68 ± 0.23	42.4 ± 2.8	0.46	10.2
2012 235.0 to 2012 335.0	4.27 ± 0.24	41.7 ± 3.2	0.44	9.8
2012 249.0 to 2012 349.0	4.08 ± 0.25	16.2 ± 3.5	1.61	35.7
2012 271.0 to 2013 5.0	4.16 ± 0.25	36.7 ± 3.4	0.37	8.1
2012 293.0 to 2013 27.0	4.60 ± 0.23	45.5 ± 2.9	0.68	15.0
2012 315.0 to 2013 49.0	3.13 ± 0.23	37.2 ± 4.2	1.40	30.8
2012 332.0 to 2013 71.0	4.03 ± 0.23	12.8 ± 3.3	1.86	41.0
2012 359.0 to 2013 93.0	4.04 ± 0.20	39.7 ± 2.8	0.53	11.6
2013 15.0 to 2013 115.0	4.49 ± 0.21	26.5 ± 2.7	0.83	18.2
2013 37.0 to 2013 137.0	4.48 ± 0.21	29.4 ± 2.7	0.60	13.2