

### bb03 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	0.17489 ± 0.00403	0.01890	12.1
2012 15.0 to 2012 115.0	0.17418 ± 0.00351	0.01819	11.7
2012 37.0 to 2012 137.0	0.16701 ± 0.00347	0.01102	7.1
2012 59.0 to 2012 159.0	0.16768 ± 0.00314	0.01169	7.5
2012 81.0 to 2012 181.0	0.16702 ± 0.00299	0.01103	7.1
2012 103.0 to 2012 203.0	0.15819 ± 0.00314	0.00220	1.4
2012 125.0 to 2012 225.0	0.14841 ± 0.00366	-0.00758	-4.9
2012 147.0 to 2012 247.0	0.14370 ± 0.00290	-0.01229	-7.9
2012 169.0 to 2012 269.0	0.13630 ± 0.00283	-0.01969	-12.6
2012 191.0 to 2012 291.0	0.14287 ± 0.00245	-0.01312	-8.4
2012 213.0 to 2012 313.0	0.14839 ± 0.00213	-0.00760	-4.9
2012 235.0 to 2012 335.0	0.16001 ± 0.00204	0.00402	2.6
2012 249.0 to 2012 349.0	0.16857 ± 0.00239	0.01258	8.1
2012 271.0 to 2013 5.0	0.16775 ± 0.00234	0.01176	7.5
2012 293.0 to 2013 27.0	0.16942 ± 0.00215	0.01343	8.6
2012 315.0 to 2013 49.0	0.16940 ± 0.00204	0.01341	8.6
2012 332.0 to 2013 71.0	0.16798 ± 0.00179	0.01199	7.7
2012 359.0 to 2013 93.0	0.16411 ± 0.00136	0.00812	5.2
2013 15.0 to 2013 115.0	0.16728 ± 0.00150	0.01129	7.2
2013 37.0 to 2013 137.0	0.16998 ± 0.00159	0.01399	9.0

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	722.14 ± 2.16	-133.4 ± 0.2	55.08	8.3
2012 15.0 to 2012 115.0	714.82 ± 1.80	-133.6 ± 0.1	47.77	7.2
2012 37.0 to 2012 137.0	704.22 ± 1.45	-133.2 ± 0.1	37.31	5.6
2012 59.0 to 2012 159.0	691.26 ± 1.26	-132.7 ± 0.1	25.91	3.9
2012 81.0 to 2012 181.0	680.08 ± 1.15	-133.2 ± 0.1	13.43	2.0
2012 103.0 to 2012 203.0	674.28 ± 1.03	-133.2 ± 0.1	7.93	1.2
2012 125.0 to 2012 225.0	674.67 ± 1.06	-133.1 ± 0.1	8.82	1.3
2012 147.0 to 2012 247.0	675.99 ± 0.74	-133.0 ± 0.1	10.56	1.6
2012 169.0 to 2012 269.0	676.89 ± 0.64	-132.8 ± 0.1	12.67	1.9
2012 191.0 to 2012 291.0	677.58 ± 0.59	-132.8 ± 0.0	13.22	2.0
2012 213.0 to 2012 313.0	678.16 ± 0.56	-132.6 ± 0.0	15.18	2.3
2012 235.0 to 2012 335.0	691.09 ± 0.57	-132.7 ± 0.0	25.75	3.9
2012 249.0 to 2012 349.0	696.64 ± 0.70	-134.6 ± 0.1	32.43	4.9
2012 271.0 to 2013 5.0	710.74 ± 0.81	-135.4 ± 0.1	49.38	7.4
2012 293.0 to 2013 27.0	725.61 ± 0.79	-135.8 ± 0.1	64.95	9.7
2012 315.0 to 2013 49.0	736.09 ± 0.75	-135.7 ± 0.1	74.16	11.1
2012 332.0 to 2013 71.0	736.99 ± 0.69	-135.6 ± 0.1	74.57	11.2
2012 359.0 to 2013 93.0	743.83 ± 0.46	-134.2 ± 0.0	77.27	11.6
2013 15.0 to 2013 115.0	746.58 ± 0.49	-133.9 ± 0.0	79.68	11.9
2013 37.0 to 2013 137.0	747.98 ± 0.53	-133.6 ± 0.0	80.93	12.1

Tidal comparison <b>O1</b>				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2011 358.0 to 2012 93.0	310.42 ± 3.79	174.2 ± 0.7	19.15	5.9
2012 15.0 to 2012 115.0	301.78 ± 3.26	173.7 ± 0.6	26.17	8.0
2012 37.0 to 2012 137.0	294.49 ± 2.75	174.2 ± 0.5	33.89	10.4
2012 59.0 to 2012 159.0	287.00 ± 2.38	176.5 ± 0.5	45.43	13.9
2012 81.0 to 2012 181.0	284.87 ± 2.12	175.9 ± 0.4	45.94	14.0
2012 103.0 to 2012 203.0	282.54 ± 1.90	175.7 ± 0.4	47.68	14.6
2012 125.0 to 2012 225.0	282.33 ± 1.94	175.5 ± 0.4	47.51	14.5
2012 147.0 to 2012 247.0	282.73 ± 1.46	174.3 ± 0.3	45.40	13.9
2012 169.0 to 2012 269.0	278.97 ± 1.29	173.9 ± 0.3	48.71	14.9
2012 191.0 to 2012 291.0	275.37 ± 1.19	174.2 ± 0.2	52.50	16.1
2012 213.0 to 2012 313.0	271.64 ± 1.15	174.3 ± 0.2	56.26	17.2
2012 235.0 to 2012 335.0	274.45 ± 1.21	174.8 ± 0.3	54.02	16.5
2012 249.0 to 2012 349.0	277.44 ± 1.45	174.4 ± 0.3	50.67	15.5
2012 271.0 to 2013 5.0	283.34 ± 1.69	173.6 ± 0.3	44.17	13.5
2012 293.0 to 2013 27.0	290.58 ± 1.61	172.8 ± 0.3	36.58	11.2
2012 315.0 to 2013 49.0	295.37 ± 1.54	172.6 ± 0.3	31.76	9.7
2012 332.0 to 2013 71.0	293.55 ± 1.39	172.3 ± 0.3	33.60	10.3
2012 359.0 to 2013 93.0	291.63 ± 1.00	172.6 ± 0.2	35.50	10.9
2013 15.0 to 2013 115.0	289.79 ± 1.04	172.7 ± 0.2	37.35	11.4
2013 37.0 to 2013 137.0	290.13 ± 1.13	173.0 ± 0.2	37.09	11.3

Tidal comparison <b>K1</b>				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2011 358.0 to 2012 93.0	342.32 ± 15.83	-42.9 ± 2.6	35.77	10.5
2012 15.0 to 2012 115.0	305.36 ± 13.44	-37.4 ± 2.5	36.58	10.7
2012 37.0 to 2012 137.0	318.96 ± 11.39	-37.6 ± 2.0	23.22	6.8
2012 59.0 to 2012 159.0	303.39 ± 9.90	-37.1 ± 1.9	38.46	11.3
2012 81.0 to 2012 181.0	298.20 ± 8.91	-42.1 ± 1.7	52.36	15.3
2012 103.0 to 2012 203.0	277.03 ± 8.02	-38.7 ± 1.7	65.52	19.2
2012 125.0 to 2012 225.0	260.58 ± 8.09	-39.8 ± 1.8	82.64	24.2
2012 147.0 to 2012 247.0	293.69 ± 6.03	-38.5 ± 1.2	48.94	14.3
2012 169.0 to 2012 269.0	286.07 ± 5.41	-38.4 ± 1.1	56.36	16.5
2012 191.0 to 2012 291.0	274.80 ± 4.92	-38.8 ± 1.0	67.80	19.8
2012 213.0 to 2012 313.0	304.52 ± 4.75	-39.9 ± 0.9	40.95	12.0
2012 235.0 to 2012 335.0	331.45 ± 5.02	-39.2 ± 0.9	17.01	5.0
2012 249.0 to 2012 349.0	311.67 ± 5.87	-46.0 ± 1.1	59.90	17.5
2012 271.0 to 2013 5.0	269.54 ± 7.00	-41.9 ± 1.5	76.98	22.5
2012 293.0 to 2013 27.0	356.96 ± 6.52	-36.3 ± 1.0	15.57	4.6
2012 315.0 to 2013 49.0	381.00 ± 6.26	-40.7 ± 0.9	45.88	13.4
2012 332.0 to 2013 71.0	324.16 ± 5.14	-42.1 ± 0.9	34.96	10.2
2012 359.0 to 2013 93.0	341.48 ± 4.49	-37.5 ± 0.8	3.56	1.0
2013 15.0 to 2013 115.0	340.13 ± 3.96	-35.8 ± 0.7	6.80	2.0
2013 37.0 to 2013 137.0	336.43 ± 4.44	-38.1 ± 0.8	8.90	2.6

Tidal comparison <b>S2</b>				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2011 358.0 to 2012 93.0	277.54 ± 8.55	55.3 ± 1.8	23.55	9.2
2012 15.0 to 2012 115.0	229.81 ± 7.08	51.2 ± 1.8	27.89	10.9
2012 37.0 to 2012 137.0	265.65 ± 5.65	46.5 ± 1.2	30.68	12.0
2012 59.0 to 2012 159.0	262.61 ± 4.94	53.7 ± 1.1	6.83	2.7
2012 81.0 to 2012 181.0	291.67 ± 4.58	52.9 ± 0.9	34.96	13.6
2012 103.0 to 2012 203.0	260.28 ± 4.10	52.4 ± 0.9	4.33	1.7
2012 125.0 to 2012 225.0	242.24 ± 4.21	53.3 ± 1.0	14.55	5.7
2012 147.0 to 2012 247.0	239.30 ± 2.92	52.6 ± 0.7	17.47	6.8
2012 169.0 to 2012 269.0	237.98 ± 2.50	51.6 ± 0.6	19.60	7.6
2012 191.0 to 2012 291.0	253.15 ± 2.32	53.2 ± 0.5	3.74	1.5
2012 213.0 to 2012 313.0	242.55 ± 2.19	53.4 ± 0.5	14.30	5.6
2012 235.0 to 2012 335.0	274.86 ± 2.24	49.2 ± 0.5	25.11	9.8
2012 249.0 to 2012 349.0	238.33 ± 2.79	40.1 ± 0.7	58.29	22.7
2012 271.0 to 2013 5.0	260.90 ± 3.17	58.2 ± 0.7	24.11	9.4
2012 293.0 to 2013 27.0	267.46 ± 3.06	56.8 ± 0.7	20.66	8.0
2012 315.0 to 2013 49.0	261.14 ± 2.87	55.1 ± 0.6	10.71	4.2
2012 332.0 to 2013 71.0	235.63 ± 3.17	37.0 ± 0.8	71.39	27.8
2012 359.0 to 2013 93.0	270.92 ± 1.73	52.7 ± 0.4	14.26	5.6
2013 15.0 to 2013 115.0	271.96 ± 1.84	53.8 ± 0.4	15.76	6.1
2013 37.0 to 2013 137.0	266.27 ± 1.89	54.0 ± 0.4	10.71	4.2