B206CH1 Comparison between current analysis and prior analysis

Pressure comparison			
time interval	Pressure Coef. counts/counts	Difference counts/counts	Percent change
2009 174.0 to 2009 274.0	-4.86181 ± 0.16518	-0.47688	10.9
2009 198.0 to 2009 298.0	-4.69681 ± 0.12942	-0.31188	7.1
2009 222.0 to 2009 322.0	-4.25965 ± 0.11888	0.12528	-2.9
2009 246.0 to 2009 346.0	-4.22896 ± 0.09959	0.15597	-3.6
2009 270.0 to 2010 5.0	-4.04084 ± 0.12527	0.34409	-7.8
2009 299.0 to 2010 34.0	-3.99930 ± 0.20038	0.38563	-8.8
2009 333.0 to 2010 68.0	-3.40525 ± 0.73491	0.97968	-22.3
2010 2.0 to 2010 102.0	-3.70094 ± 0.63071	0.68399	-15.6
2010 36.0 to 2010 136.0	-3.71734 ± 0.43014	0.66759	-15.2
2010 70.0 to 2010 170.0	-4.31894 ± 0.09466	0.06599	-1.5
2010 104.0 to 2010 204.0	-4.31943 ± 0.13476	0.06550	-1.5
2010 138.0 to 2010 238.0	-4.63324 ± 0.18113	-0.24831	5.7
2010 172.0 to 2010 272.0	-4.38071 ± 0.19479	0.00422	-0.1
2010 206.0 to 2010 306.0	-4.34106 ± 0.14180	0.04387	-1.0
2010 240.0 to 2010 340.0	-4.63581 ± 0.09107	-0.25088	5.7
2010 274.0 to 2011 9.0	-4.76367 ± 0.07828	-0.37874	8.6
2010 308.0 to 2011 43.0	-4.77112 ± 0.08061	-0.38619	8.8
2010 342.0 to 2011 77.0	-4.65652 ± 0.08111	-0.27159	6.2
2011 11.0 to 2011 111.0	-4.57898 ± 0.09217	-0.19405	4.4
2011 45.0 to 2011 145.0	-4.60104 ± 0.10005	-0.21611	4.9
2011 79.0 to 2011 179.0	-4.44969 ± 0.13347	-0.06476	1.5
2011 113.0 to 2011 213.0	-3.95033 ± 0.15887	0.43460	-9.9
2011 147.0 to 2011 247.0	-3.64646 ± 0.17568	0.73847	-16.8
2011 181.0 to 2011 281.0	-3.56515 ± 0.15436	0.81978	-18.7
2011 216.0 to 2011 316.0	-3.94631 ± 0.11824	0.43862	-10.0
2011 250.0 to 2011 350.0	-4.40760 ± 0.10817	-0.02267	0.5
2011 284.0 to 2012 19.0	-4.42446 ± 0.10219	-0.03953	0.9
2011 340.0 to 2012 75.0	-4.55245 ± 0.08086	-0.16752	3.8
2012 9.0 to 2012 109.0	-4.68556 ± 0.08702	-0.30063	6.9
2012 43.0 to 2012 143.0	-4.65768 ± 0.10701	-0.27275	6.2
2012 77.0 to 2012 177.0	-4.20901 ± 0.13398	0.17592	-4.0
2012 118.0 to 2012 218.0	-3.41035 ± 0.16804	0.97458	-22.2
2012 159.0 to 2012 259.0	-3.67891 ± 0.17304	0.70602	-16.1
2012 200.0 to 2012 300.0	-3.98650 ± 0.13603	0.39843	-9.1
2012 241.0 to 2012 341.0	-4.39095 ± 0.09874	-0.00602	0.1
2012 282.0 to 2013 16.0	-4.52346 ± 0.09158	-0.13853	3.2
2012 323.0 to 2013 57.0	-4.38493 ± 0.08580	0.00000	-0.0
2012 364.0 to 2013 98.0	-4.45190 ± 0.10123	-0.06697	1.5
2013 39.0 to 2013 139.0	-4.52178 ± 0.12589	-0.13685	3.1

Tidal comparson **M2**				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2009 174.0 to 2009 274.0	13.08 ± 0.13	26.6 ± 0.6	0.08	0.6
2009 198.0 to 2009 298.0	13.20 ± 0.10	27.1 ± 0.4	0.15	1.1
2009 222.0 to 2009 322.0	13.23 ± 0.09	27.1 ± 0.4	0.16	1.2
2009 246.0 to 2009 346.0	13.18 ± 0.09	26.8 ± 0.4	0.08	0.6
2009 270.0 to 2010 5.0	13.23 ± 0.10	27.0 ± 0.4	0.14	1.1
2009 299.0 to 2010 34.0	13.27 ± 0.17	27.0 ± 0.7	0.17	1.3
2009 333.0 to 2010 68.0	13.16 ± 0.56	26.9 ± 2.4	0.10	0.7
2010 2.0 to 2010 102.0	13.19 ± 0.52	26.4 ± 2.3	0.04	0.3
2010 36.0 to 2010 136.0	13.16 ± 0.38	25.6 ± 1.7	0.20	1.5
2010 70.0 to 2010 170.0	13.37 ± 0.09	26.0 ± 0.4	0.24	1.8
2010 104.0 to 2010 204.0	13.14 ± 0.12	27.6 ± 0.5	0.26	2.0
2010 138.0 to 2010 238.0	13.15 ± 0.17	27.8 ± 0.7	0.30	2.3
2010 172.0 to 2010 272.0	13.30 ± 0.17	27.7 ± 0.7	0.32	2.4
2010 206.0 to 2010 306.0	13.32 ± 0.13	27.2 ± 0.6	0.23	1.8
2010 240.0 to 2010 340.0	13.14 ± 0.09	27.5 ± 0.4	0.24	1.8
2010 274.0 to 2011 9.0	13.12 ± 0.09	27.2 ± 0.4	0.17	1.3
2010 308.0 to 2011 43.0	13.03 ± 0.09	26.5 ± 0.4	0.13	1.0
2010 342.0 to 2011 77.0	13.18 ± 0.09	26.3 ± 0.4	0.05	0.4
2011 11.0 to 2011 111.0	13.20 ± 0.09	26.2 ± 0.4	0.08	0.6
2011 45.0 to 2011 145.0	13.23 ± 0.10	26.0 ± 0.4	0.13	1.0
2011 79.0 to 2011 179.0	13.05 ± 0.11	26.2 ± 0.5	0.12	0.9
2011 113.0 to 2011 213.0	13.05 ± 0.11	25.3 ± 0.5	0.29	2.2
2011 147.0 to 2011 247.0	12.96 ± 0.12	25.6 ± 0.5	0.28	2.1
2011 181.0 to 2011 281.0	13.01 ± 0.12	26.1 ± 0.5	0.17	1.3
2011 216.0 to 2011 316.0	13.08 ± 0.09	26.7 ± 0.4	0.09	0.7
2011 250.0 to 2011 350.0	13.09 ± 0.10	26.4 ± 0.4	0.07	0.5
2011 284.0 to 2012 19.0	13.10 ± 0.11	25.6 ± 0.5	0.21	1.6
2011 340.0 to 2012 75.0	13.21 ± 0.09	24.1 ± 0.4	0.55	4.2
2012 9.0 to 2012 109.0	13.17 ± 0.09	22.9 ± 0.4	0.82	6.2
2012 43.0 to 2012 143.0	13.11 ± 0.11	22.2 ± 0.5	0.98	7.5
2012 77.0 to 2012 177.0	13.13 ± 0.13	20.5 ± 0.6	1.37	10.4
2012 118.0 to 2012 218.0	13.20 ± 0.14	19.6 ± 0.6	1.58	12.0
2012 159.0 to 2012 259.0	13.19 ± 0.12	23.3 ± 0.5	0.73	5.6
2012 200.0 to 2012 300.0	13.05 ± 0.09	27.2 ± 0.4	0.20	1.5
2012 241.0 to 2012 341.0	13.16 ± 0.09	27.4 ± 0.4	0.21	1.6
2012 282.0 to 2013 16.0	13.07 ± 0.09	27.3 ± 0.4	0.21	1.6
2012 323.0 to 2013 57.0	13.22 ± 0.08	27.1 ± 0.3	0.16	1.2
2012 364.0 to 2013 98.0	13.31 ± 0.09	27.3 ± 0.4	0.25	1.9
2013 39.0 to 2013 139.0	13.21 ± 0.12	27.8 ± 0.5	0.31	2.4

Tidal comparson **O1**				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2009 174.0 to 2009 274.0	10.97 ± 0.22	-24.1 ± 1.1	1.52	15.8
2009 198.0 to 2009 298.0	10.70 ± 0.19	-24.5 ± 1.0	1.31	13.7
2009 222.0 to 2009 322.0	10.48 ± 0.18	-22.5 ± 1.0	0.95	9.9
2009 246.0 to 2009 346.0	10.58 ± 0.18	-22.1 ± 1.0	1.03	10.7
2009 270.0 to 2010 5.0	10.28 ± 0.23	-21.6 ± 1.3	0.71	7.5
2009 299.0 to 2010 34.0	10.17 ± 0.37	-20.6 ± 2.1	0.58	6.1
2009 333.0 to 2010 68.0	10.26 ± 1.25	-21.7 ± 7.0	0.70	7.3
2010 2.0 to 2010 102.0	10.12 ± 1.15	-22.5 ± 6.5	0.63	6.5
2010 36.0 to 2010 136.0	9.97 ± 0.80	-21.4 ± 4.6	0.41	4.2
2010 70.0 to 2010 170.0	10.30 ± 0.19	-21.2 ± 1.1	0.72	7.5
2010 104.0 to 2010 204.0	10.35 ± 0.23	-21.6 ± 1.3	0.78	8.2
2010 138.0 to 2010 238.0	10.74 ± 0.29	-22.7 ± 1.5	1.21	12.6
2010 172.0 to 2010 272.0	10.10 ± 0.29	-23.8 ± 1.6	0.75	7.9
2010 206.0 to 2010 306.0	9.85 ± 0.23	-24.4 ± 1.3	0.70	7.3
2010 240.0 to 2010 340.0	9.85 ± 0.17	-22.0 ± 1.0	0.36	3.7
2010 274.0 to 2011 9.0	9.59 ± 0.17	-20.9 ± 1.0	0.05	0.6
2010 308.0 to 2011 43.0	9.76 ± 0.18	-20.2 ± 1.1	0.18	1.9
2010 342.0 to 2011 77.0	9.74 ± 0.18	-19.5 ± 1.1	0.24	2.5
2011 11.0 to 2011 111.0	9.64 ± 0.19	-19.5 ± 1.1	0.19	2.0
2011 45.0 to 2011 145.0	9.61 ± 0.19	-19.1 ± 1.1	0.25	2.6
2011 79.0 to 2011 179.0	9.17 ± 0.23	-20.0 ± 1.4	0.43	4.5
2011 113.0 to 2011 213.0	9.06 ± 0.23	-19.2 ± 1.5	0.57	6.0
2011 147.0 to 2011 247.0	9.03 ± 0.24	-19.4 ± 1.5	0.59	6.2
2011 181.0 to 2011 281.0	9.27 ± 0.20	-19.9 ± 1.2	0.34	3.5
2011 216.0 to 2011 316.0	9.44 ± 0.17	-19.3 ± 1.0	0.26	2.7
2011 250.0 to 2011 350.0	9.57 ± 0.20	-18.7 ± 1.2	0.31	3.3
2011 284.0 to 2012 19.0	9.54 ± 0.23	-19.8 ± 1.4	0.14	1.4
2011 340.0 to 2012 75.0	8.96 ± 0.18	-22.5 ± 1.2	0.70	7.3
2012 9.0 to 2012 109.0	8.84 ± 0.18	-25.0 ± 1.2	1.03	10.8
2012 43.0 to 2012 143.0	8.60 ± 0.21	-22.1 ± 1.4	1.02	10.6
2012 77.0 to 2012 177.0	8.65 ± 0.25	-19.5 ± 1.7	0.95	9.9
2012 118.0 to 2012 218.0	8.80 ± 0.26	-19.5 ± 1.7	0.81	8.4
2012 159.0 to 2012 259.0	8.82 ± 0.23	-22.6 ± 1.5	0.83	8.7
2012 200.0 to 2012 300.0	9.00 ± 0.18	-20.9 ± 1.1	0.59	6.2
2012 241.0 to 2012 341.0	8.97 ± 0.16	-19.9 ± 1.0	0.63	6.5
2012 282.0 to 2013 16.0	8.63 ± 0.17	-21.8 ± 1.1	0.98	10.2
2012 323.0 to 2013 57.0	8.52 ± 0.16	-21.1 ± 1.1	1.07	11.2
2012 364.0 to 2013 98.0	8.26 ± 0.18	-23.2 ± 1.2	1.39	14.5
2013 39.0 to 2013 139.0	7.75 ± 0.23	-23.1 ± 1.7	1.88	19.6

Tidal comparson **K1**				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2009 174.0 to 2009 274.0	14.27 ± 0.94	123.5 ± 3.8	2.98	25.6
2009 198.0 to 2009 298.0	11.59 ± 0.79	98.4 ± 3.9	3.77	32.3
2009 222.0 to 2009 322.0	11.90 ± 1.03	111.1 ± 5.0	1.25	10.7
2009 246.0 to 2009 346.0	12.81 ± 0.73	123.1 ± 3.3	1.72	14.8
2009 270.0 to 2010 5.0	14.87 ± 0.93	117.4 ± 3.6	3.21	27.5
2009 299.0 to 2010 34.0	13.50 ± 1.54	129.7 ± 6.5	3.32	28.4
2009 333.0 to 2010 68.0	11.72 ± 5.08	127.5 ± 24.8	2.13	18.3
2010 2.0 to 2010 102.0	9.38 ± 4.70	134.1 ± 28.7	3.85	33.0
2010 36.0 to 2010 136.0	13.59 ± 3.26	135.6 ± 13.7	4.49	38.5
2010 70.0 to 2010 170.0	10.25 ± 0.79	123.9 ± 4.4	1.92	16.5
2010 104.0 to 2010 204.0	13.66 ± 0.98	115.0 ± 4.1	2.05	17.6
2010 138.0 to 2010 238.0	7.76 ± 3.02	34.8 ± 22.3	13.11	112.4
2010 172.0 to 2010 272.0	15.01 ± 1.23	105.6 ± 4.7	4.26	36.6
2010 206.0 to 2010 306.0	11.64 ± 0.97	107.5 ± 4.8	1.94	16.6
2010 240.0 to 2010 340.0	13.43 ± 0.70	111.5 ± 3.0	2.14	18.4
2010 274.0 to 2011 9.0	11.89 ± 0.69	116.5 ± 3.3	0.25	2.2
2010 308.0 to 2011 43.0	11.93 ± 0.74	113.4 ± 3.6	0.80	6.8
2010 342.0 to 2011 77.0	12.50 ± 0.73	121.1 ± 3.3	1.19	10.2
2011 11.0 to 2011 111.0	10.63 ± 0.78	120.1 ± 4.2	1.19	10.2
2011 45.0 to 2011 145.0	9.94 ± 0.79	109.8 ± 4.6	2.20	18.8
2011 79.0 to 2011 179.0	10.46 ± 0.92	124.2 ± 5.0	1.83	15.7
2011 113.0 to 2011 213.0	14.12 ± 0.96	92.6 ± 3.9	5.97	51.1
2011 147.0 to 2011 247.0	8.96 ± 0.99	106.6 ± 6.3	3.28	28.1
2011 181.0 to 2011 281.0	14.32 ± 0.85	107.8 ± 3.4	3.38	29.0
2011 216.0 to 2011 316.0	12.29 ± 0.73	112.8 ± 3.4	1.09	9.3
2011 250.0 to 2011 350.0	13.80 ± 0.85	116.1 ± 3.5	2.15	18.4
2011 284.0 to 2012 19.0	13.08 ± 0.93	120.3 ± 4.1	1.58	13.5
2011 340.0 to 2012 75.0	12.49 ± 0.75	116.9 ± 3.4	0.83	7.1
2012 9.0 to 2012 109.0	8.52 ± 0.74	130.5 ± 5.0	3.91	33.6
2012 43.0 to 2012 143.0	9.98 ± 0.88	93.6 ± 5.1	4.70	40.3
2012 77.0 to 2012 177.0	6.90 ± 1.03	126.3 ± 8.6	4.98	42.7
2012 118.0 to 2012 218.0	6.13 ± 1.09	120.7 ± 10.2	5.56	47.7
2012 159.0 to 2012 259.0	11.02 ± 0.97	108.6 ± 5.0	1.79	15.4
2012 200.0 to 2012 300.0	8.22 ± 0.75	117.1 ± 5.2	3.44	29.5
2012 241.0 to 2012 341.0	10.29 ± 0.68	119.9 ± 3.8	1.48	12.7
2012 282.0 to 2013 16.0	11.71 ± 0.72	118.4 ± 3.5	0.28	2.4
2012 323.0 to 2013 57.0	10.55 ± 0.67	124.6 ± 3.6	1.84	15.7
2012 364.0 to 2013 98.0	7.49 ± 0.73	118.0 ± 5.6	4.18	35.8
2013 39.0 to 2013 139.0	7.76 ± 0.96	163.7 ± 7.1	8.48	72.7

Tidal comparson **S2**				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2009 174.0 to 2009 274.0	7.62 ± 0.52	-169.2 ± 3.9	1.95	33.5
2009 198.0 to 2009 298.0	7.26 ± 0.42	-159.9 ± 3.3	1.46	25.0
2009 222.0 to 2009 322.0	6.38 ± 0.46	-161.5 ± 4.1	0.56	9.5
2009 246.0 to 2009 346.0	8.00 ± 0.34	-166.5 ± 2.4	2.22	38.1
2009 270.0 to 2010 5.0	6.21 ± 0.40	-156.9 ± 3.7	0.69	11.8
2009 299.0 to 2010 34.0	5.74 ± 0.67	-155.8 ± 6.7	0.67	11.5
2009 333.0 to 2010 68.0	6.04 ± 2.22	-175.9 ± 21.1	1.41	24.2
2010 2.0 to 2010 102.0	5.71 ± 2.07	-164.9 ± 20.8	0.28	4.8
2010 36.0 to 2010 136.0	6.77 ± 1.51	-153.7 ± 12.8	1.34	22.9
2010 70.0 to 2010 170.0	4.83 ± 0.37	-174.8 ± 4.4	1.52	26.1
2010 104.0 to 2010 204.0	5.61 ± 0.50	-172.3 ± 5.1	1.01	17.3
2010 138.0 to 2010 238.0	6.05 ± 1.29	-178.3 ± 12.2	1.66	28.4
2010 172.0 to 2010 272.0	4.64 ± 0.66	-151.3 ± 8.1	1.56	26.8
2010 206.0 to 2010 306.0	6.18 ± 0.51	-163.6 ± 4.7	0.37	6.3
2010 240.0 to 2010 340.0	5.98 ± 0.35	-153.2 ± 3.4	0.96	16.4
2010 274.0 to 2011 9.0	6.43 ± 0.34	-166.9 ± 3.0	0.77	13.1
2010 308.0 to 2011 43.0	5.50 ± 0.36	-166.9 ± 3.8	0.55	9.5
2010 342.0 to 2011 77.0	5.25 ± 0.36	-165.3 ± 3.9	0.65	11.1
2011 11.0 to 2011 111.0	6.10 ± 0.38	-155.6 ± 3.6	0.76	13.0
2011 45.0 to 2011 145.0	5.48 ± 0.38	-170.9 ± 4.0	0.91	15.6
2011 79.0 to 2011 179.0	5.82 ± 0.43	-157.2 ± 4.2	0.53	9.1
2011 113.0 to 2011 213.0	4.97 ± 0.45	-161.3 ± 5.2	0.87	14.9
2011 147.0 to 2011 247.0	6.63 ± 0.49	-161.6 ± 4.2	0.80	13.8
2011 181.0 to 2011 281.0	5.07 ± 0.46	-153.4 ± 5.2	1.14	19.6
2011 216.0 to 2011 316.0	6.10 ± 0.36	-163.2 ± 3.4	0.28	4.8
2011 250.0 to 2011 350.0	7.27 ± 0.41	-160.7 ± 3.2	1.45	24.9
2011 284.0 to 2012 19.0	5.35 ± 0.44	-158.0 ± 4.7	0.65	11.1
2011 340.0 to 2012 75.0	6.66 ± 0.36	-171.9 ± 3.1	1.32	22.7
2012 9.0 to 2012 109.0	5.53 ± 0.35	-166.1 ± 3.6	0.47	8.1
2012 43.0 to 2012 143.0	5.58 ± 0.44	179.7 ± 4.5	1.79	30.7
2012 77.0 to 2012 177.0	6.41 ± 0.52	-158.0 ± 4.6	0.74	12.8
2012 118.0 to 2012 218.0	5.23 ± 0.54	-163.5 ± 5.9	0.61	10.5
2012 159.0 to 2012 259.0	5.01 ± 0.48	-160.8 ± 5.5	0.84	14.3
2012 200.0 to 2012 300.0	6.66 ± 0.38	-170.5 ± 3.3	1.21	20.7
2012 241.0 to 2012 341.0	6.02 ± 0.34	-152.5 ± 3.2	1.04	17.8
2012 282.0 to 2013 16.0	6.29 ± 0.36	-160.3 ± 3.3	0.51	8.7
2012 323.0 to 2013 57.0	5.70 ± 0.32	-161.6 ± 3.2	0.16	2.7
2012 364.0 to 2013 98.0	6.41 ± 0.35	-165.2 ± 3.1	0.65	11.1
2013 39.0 to 2013 139.0	4.09 ± 0.49	-138.6 ± 6.9	2.66	45.7