B206CH3 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	-5.21893 ± 0.09079	0.19858	-3.7
2009 198.0 to 2009 298.0	-5.40154 ± 0.08577	0.01597	-0.3
2009 222.0 to 2009 322.0	-5.39890 ± 0.07937	0.01861	-0.3
2009 246.0 to 2009 346.0	-4.92291 ± 0.09370	0.49460	-9.1
2009 270.0 to 2010 5.0	-4.80470 ± 0.10190	0.61281	-11.3
2009 299.0 to 2010 34.0	-4.53490 ± 0.10650	0.88261	-16.3
2009 333.0 to 2010 68.0	-4.31851 ± 0.10819	1.09900	-20.3
2010 2.0 to 2010 102.0	-4.29224 ± 0.10295	1.12527	-20.8
2010 36.0 to 2010 136.0	-4.33149 ± 0.10875	1.08602	-20.0
2010 70.0 to 2010 170.0	-4.38701 ± 0.11170	1.03050	-19.0
2010 104.0 to 2010 204.0	-4.42440 ± 0.12179	0.99311	-18.3
2010 138.0 to 2010 238.0	-4.10900 ± 0.16331	1.30851	-24.2
2010 172.0 to 2010 272.0	-5.63963 ± 0.12103	-0.22212	4.1
2010 206.0 to 2010 306.0	-5.64241 ± 0.11805	-0.22490	4.2
2010 240.0 to 2010 340.0	-5.52261 ± 0.09697	-0.10510	1.9
2010 274.0 to 2011 9.0	-5.45646 ± 0.09004	-0.03895	0.7
2010 308.0 to 2011 43.0	-5.46693 ± 0.08398	-0.04942	0.9
2010 342.0 to 2011 77.0	-5.74510 ± 0.07499	-0.32759	6.0
2011 11.0 to 2011 111.0	-5.90773 ± 0.07375	-0.49022	9.0
2011 45.0 to 2011 145.0	-6.03476 ± 0.09183	-0.61725	11.4
2011 79.0 to 2011 179.0	-5.75322 ± 0.14268	-0.33571	6.2
2011 113.0 to 2011 213.0	-5.49746 ± 0.14640	-0.07995	1.5
2011 147.0 to 2011 247.0	-5.49124 ± 0.11224	-0.07373	1.4
2011 181.0 to 2011 281.0	-5.88127 ± 0.11019	-0.46376	8.6
2011 216.0 to 2011 316.0	-5.77351 ± 0.09838	-0.35600	6.6
2011 250.0 to 2011 350.0	-5.22271 ± 0.11100	0.19480	-3.6
2011 284.0 to 2012 19.0	-5.14172 ± 0.10898	0.27579	-5.1
2011 340.0 to 2012 75.0	-5.34853 ± 0.07217	0.06898	-1.3
2012 9.0 to 2012 109.0	-5.47588 ± 0.07401	-0.05837	1.1
2012 43.0 to 2012 143.0	-5.42585 ± 0.09098	-0.00834	0.2
2012 77.0 to 2012 177.0	-5.40266 ± 0.09832	0.01485	-0.3
2012 118.0 to 2012 218.0	-5.41751 ± 0.13135	0.00000	-0.0
2012 159.0 to 2012 259.0	-5.01125 ± 0.15783	0.40626	-7.5
2012 200.0 to 2012 300.0	-4.99729 ± 0.11348	0.42022	-7.8
2012 241.0 to 2012 341.0	-5.31125 ± 0.07677	0.10626	-2.0
2012 282.0 to 2013 16.0	-5.63412 ± 0.06578	-0.21661	4.0
2012 323.0 to 2013 57.0	-5.58563 ± 0.07854	-0.16812	3.1
2012 364.0 to 2013 98.0	-5.65979 ± 0.13221	-0.24228	4.5
2013 39.0 to 2013 139.0	-5.41912 ± 0.13240	-0.00161	0.0

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	3.94 ± 0.09	148.0 ± 1.3	0.43	11.5
2009 198.0 to 2009 298.0	4.01 ± 0.08	148.8 ± 1.1	0.51	13.7
2009 222.0 to 2009 322.0	4.03 ± 0.08	147.7 ± 1.1	0.47	12.5
2009 246.0 to 2009 346.0	3.95 ± 0.09	148.0 ± 1.3	0.43	11.6
2009 270.0 to 2010 5.0	4.06 ± 0.10	145.2 ± 1.4	0.38	10.1
2009 299.0 to 2010 34.0	3.99 ± 0.09	146.9 ± 1.3	0.40	10.6
2009 333.0 to 2010 68.0	3.93 ± 0.09	146.7 ± 1.3	0.35	9.3
2010 2.0 to 2010 102.0	3.89 ± 0.09	147.6 ± 1.3	0.38	10.2
2010 36.0 to 2010 136.0	3.86 ± 0.10	147.5 ± 1.5	0.36	9.7
2010 70.0 to 2010 170.0	3.77 ± 0.11	145.8 ± 1.7	0.23	6.1
2010 104.0 to 2010 204.0	3.81 ± 0.11	146.1 ± 1.7	0.26	6.8
2010 138.0 to 2010 238.0	3.72 ± 0.14	146.2 ± 2.2	0.25	6.6
2010 172.0 to 2010 272.0	3.76 ± 0.09	146.8 ± 1.4	0.29	7.7
2010 206.0 to 2010 306.0	3.69 ± 0.09	146.2 ± 1.4	0.25	6.7
2010 240.0 to 2010 340.0	3.70 ± 0.09	145.9 ± 1.4	0.23	6.2
2010 274.0 to 2011 9.0	3.80 ± 0.08	144.6 ± 1.2	0.16	4.3
2010 308.0 to 2011 43.0	3.70 ± 0.08	142.7 ± 1.2	0.04	1.0
2010 342.0 to 2011 77.0	3.72 ± 0.07	143.5 ± 1.1	0.07	2.0
2011 11.0 to 2011 111.0	3.67 ± 0.07	143.7 ± 1.1	0.11	2.8
2011 45.0 to 2011 145.0	3.83 ± 0.08	143.5 ± 1.2	0.12	3.2
2011 79.0 to 2011 179.0	3.68 ± 0.10	141.9 ± 1.6	0.06	1.7
2011 113.0 to 2011 213.0	3.84 ± 0.10	140.5 ± 1.5	0.16	4.4
2011 147.0 to 2011 247.0	3.74 ± 0.08	139.7 ± 1.2	0.18	4.7
2011 181.0 to 2011 281.0	3.67 ± 0.08	140.1 ± 1.2	0.16	4.3
2011 216.0 to 2011 316.0	3.58 ± 0.08	139.3 ± 1.3	0.25	6.7
2011 250.0 to 2011 350.0	3.58 ± 0.10	140.2 ± 1.6	0.21	5.6
2011 284.0 to 2012 19.0	3.62 ± 0.11	138.2 ± 1.7	0.29	7.8
2011 340.0 to 2012 75.0	3.62 ± 0.08	136.7 ± 1.3	0.38	10.2
2012 9.0 to 2012 109.0	3.68 ± 0.07	136.5 ± 1.1	0.38	10.3
2012 43.0 to 2012 143.0	3.72 ± 0.08	135.1 ± 1.2	0.47	12.7
2012 77.0 to 2012 177.0	3.68 ± 0.09	134.6 ± 1.4	0.51	13.6
2012 118.0 to 2012 218.0	3.92 ± 0.10	133.9 ± 1.5	0.60	16.0
2012 159.0 to 2012 259.0	3.76 ± 0.11	137.8 ± 1.7	0.30	8.1
2012 200.0 to 2012 300.0	3.69 ± 0.08	140.7 ± 1.2	0.12	3.2
2012 241.0 to 2012 341.0	3.67 ± 0.07	140.1 ± 1.1	0.16	4.3
2012 282.0 to 2013 16.0	3.71 ± 0.06	140.3 ± 0.9	0.14	3.7
2012 323.0 to 2013 57.0	3.79 ± 0.07	139.6 ± 1.1	0.19	5.1
2012 364.0 to 2013 98.0	3.69 ± 0.11	139.9 ± 1.7	0.17	4.5
2013 39.0 to 2013 139.0	3.73 ± 0.11	137.1 ± 1.7	0.34	9.2

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	4.28 ± 0.14	-151.4 ± 1.9	1.04	31.3
2009 198.0 to 2009 298.0	4.02 ± 0.14	-150.3 ± 2.0	0.77	23.2
2009 222.0 to 2009 322.0	4.12 ± 0.14	-151.8 ± 1.9	0.91	27.3
2009 246.0 to 2009 346.0	3.82 ± 0.17	-149.6 ± 2.5	0.57	17.2
2009 270.0 to 2010 5.0	4.12 ± 0.20	-151.9 ± 2.8	0.91	27.4
2009 299.0 to 2010 34.0	4.18 ± 0.20	-153.1 ± 2.7	1.01	30.2
2009 333.0 to 2010 68.0	4.04 ± 0.19	-155.5 ± 2.7	0.99	29.7
2010 2.0 to 2010 102.0	3.81 ± 0.19	-154.9 ± 2.9	0.80	23.9
2010 36.0 to 2010 136.0	3.60 ± 0.22	-152.8 ± 3.5	0.56	16.8
2010 70.0 to 2010 170.0	3.75 ± 0.23	-150.1 ± 3.5	0.53	16.0
2010 104.0 to 2010 204.0	3.58 ± 0.21	-144.6 ± 3.4	0.24	7.3
2010 138.0 to 2010 238.0	3.53 ± 0.25	-142.0 ± 4.1	0.25	7.4
2010 172.0 to 2010 272.0	3.39 ± 0.17	-144.4 ± 2.9	0.05	1.6
2010 206.0 to 2010 306.0	3.60 ± 0.18	-145.7 ± 2.9	0.27	8.1
2010 240.0 to 2010 340.0	3.65 ± 0.18	-147.3 ± 2.8	0.35	10.6
2010 274.0 to 2011 9.0	3.94 ± 0.17	-147.4 ± 2.5	0.63	18.8
2010 308.0 to 2011 43.0	3.53 ± 0.17	-146.6 ± 2.8	0.23	6.8
2010 342.0 to 2011 77.0	3.49 ± 0.16	-145.5 ± 2.6	0.16	4.9
2011 11.0 to 2011 111.0	3.34 ± 0.15	-144.3 ± 2.6	0.02	0.5
2011 45.0 to 2011 145.0	3.29 ± 0.17	-135.9 ± 3.0	0.50	15.1
2011 79.0 to 2011 179.0	3.17 ± 0.24	-138.0 ± 4.3	0.41	12.3
2011 113.0 to 2011 213.0	3.14 ± 0.22	-137.9 ± 4.0	0.43	12.8
2011 147.0 to 2011 247.0	3.25 ± 0.15	-145.7 ± 2.6	0.11	3.2
2011 181.0 to 2011 281.0	2.99 ± 0.14	-143.5 ± 2.7	0.35	10.6
2011 216.0 to 2011 316.0	2.88 ± 0.15	-136.7 ± 3.0	0.63	18.7
2011 250.0 to 2011 350.0	3.02 ± 0.20	-138.8 ± 3.8	0.45	13.5
2011 284.0 to 2012 19.0	2.84 ± 0.24	-139.3 ± 4.8	0.57	17.2
2011 340.0 to 2012 75.0	2.59 ± 0.16	-144.1 ± 3.5	0.75	22.4
2012 9.0 to 2012 109.0	2.74 ± 0.15	-146.8 ± 3.1	0.61	18.2
2012 43.0 to 2012 143.0	3.11 ± 0.17	-151.0 ± 3.1	0.43	12.7
2012 77.0 to 2012 177.0	3.20 ± 0.18	-144.3 ± 3.2	0.14	4.1
2012 118.0 to 2012 218.0	3.04 ± 0.20	-136.1 ± 3.8	0.56	16.7
2012 159.0 to 2012 259.0	2.58 ± 0.21	-135.6 ± 4.7	0.89	26.6
2012 200.0 to 2012 300.0	2.60 ± 0.15	-137.4 ± 3.3	0.82	24.7
2012 241.0 to 2012 341.0	2.83 ± 0.13	-141.0 ± 2.6	0.54	16.3
2012 282.0 to 2013 16.0	2.94 ± 0.13	-146.8 ± 2.5	0.41	12.4
2012 323.0 to 2013 57.0	3.24 ± 0.15	-147.1 ± 2.7	0.17	5.2
2012 364.0 to 2013 98.0	2.96 ± 0.23	-143.7 ± 4.5	0.38	11.4
2013 39.0 to 2013 139.0	2.66 ± 0.23	-135.6 ± 5.0	0.82	24.7

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	3.56 ± 0.59	16.0 ± 9.5	2.09	48.5
2009 198.0 to 2009 298.0	6.79 ± 0.58	-2.5 ± 4.9	2.67	62.1
2009 222.0 to 2009 322.0	4.28 ± 0.83	-20.6 ± 11.1	0.58	13.4
2009 246.0 to 2009 346.0	2.44 ± 0.72	-36.3 ± 16.9	2.28	53.0
2009 270.0 to 2010 5.0	5.55 ± 0.81	13.0 ± 8.4	2.52	58.6
2009 299.0 to 2010 34.0	4.12 ± 0.84	-27.4 ± 11.7	1.08	25.1
2009 333.0 to 2010 68.0	5.21 ± 0.76	-18.5 ± 8.4	1.02	23.7
2010 2.0 to 2010 102.0	2.86 ± 0.79	-13.9 ± 15.8	1.44	33.6
2010 36.0 to 2010 136.0	6.13 ± 0.89	-35.4 ± 8.3	2.71	63.0
2010 70.0 to 2010 170.0	4.80 ± 0.93	-21.1 ± 11.1	0.82	19.0
2010 104.0 to 2010 204.0	4.04 ± 0.88	-36.8 ± 12.5	1.75	40.6
2010 138.0 to 2010 238.0	9.84 ± 2.57	-30.8 ± 15.0	5.90	137.0
2010 172.0 to 2010 272.0	4.88 ± 0.70	-12.3 ± 8.2	0.58	13.5
2010 206.0 to 2010 306.0	5.13 ± 0.75	1.8 ± 8.4	1.46	33.9
2010 240.0 to 2010 340.0	4.46 ± 0.73	4.7 ± 9.4	1.35	31.3
2010 274.0 to 2011 9.0	4.22 ± 0.71	-12.4 ± 9.6	0.09	2.1
2010 308.0 to 2011 43.0	5.25 ± 0.71	-3.9 ± 7.7	1.20	28.0
2010 342.0 to 2011 77.0	3.94 ± 0.63	-16.0 ± 9.2	0.43	9.9
2011 11.0 to 2011 111.0	5.19 ± 0.61	-14.1 ± 6.7	0.89	20.8
2011 45.0 to 2011 145.0	8.06 ± 0.69	-9.7 ± 4.9	3.77	87.7
2011 79.0 to 2011 179.0	4.22 ± 0.96	-14.7 ± 13.0	0.16	3.7
2011 113.0 to 2011 213.0	8.33 ± 0.89	4.8 ± 6.1	4.43	102.9
2011 147.0 to 2011 247.0	4.29 ± 0.62	10.2 ± 8.3	1.72	40.0
2011 181.0 to 2011 281.0	7.23 ± 0.58	-9.2 ± 4.6	2.95	68.5
2011 216.0 to 2011 316.0	2.37 ± 0.62	28.1 ± 15.0	2.96	68.7
2011 250.0 to 2011 350.0	5.32 ± 0.83	-22.3 ± 8.9	1.29	29.9
2011 284.0 to 2012 19.0	3.88 ± 0.97	15.8 ± 14.3	2.07	48.1
2011 340.0 to 2012 75.0	2.92 ± 0.65	14.8 ± 12.8	2.19	50.9
2012 9.0 to 2012 109.0	6.20 ± 0.62	-19.9 ± 5.7	2.00	46.5
2012 43.0 to 2012 143.0	4.15 ± 0.71	-1.6 ± 9.8	0.85	19.6
2012 77.0 to 2012 177.0	6.88 ± 0.73	-19.4 ± 6.1	2.65	61.6
2012 118.0 to 2012 218.0	3.20 ± 0.85	-56.7 ± 15.2	2.98	69.3
2012 159.0 to 2012 259.0	4.67 ± 0.88	14.0 ± 10.8	2.12	49.2
2012 200.0 to 2012 300.0	4.31 ± 0.62	-13.3 ± 8.2	0.03	0.7
2012 241.0 to 2012 341.0	2.69 ± 0.53	-20.9 ± 11.3	1.68	39.1
2012 282.0 to 2013 16.0	4.07 ± 0.52	3.2 ± 7.3	1.19	27.7
2012 323.0 to 2013 57.0	3.51 ± 0.61	-6.4 ± 10.0	0.91	21.1
2012 364.0 to 2013 98.0	3.47 ± 0.96	6.4 ± 15.9	1.54	35.8
2013 39.0 to 2013 139.0	1.73 ± 0.95	53.4 ± 31.5	3.94	91.6

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	2.40 ± 0.35	-105.9 ± 8.4	1.85	127.8
2009 198.0 to 2009 298.0	1.28 ± 0.33	-37.4 ± 14.8	0.46	31.8
2009 222.0 to 2009 322.0	0.88 ± 0.43	-90.6 ± 28.0	0.89	61.2
2009 246.0 to 2009 346.0	1.53 ± 0.35	-153.6 ± 13.1	2.25	155.4
2009 270.0 to 2010 5.0	2.37 ± 0.38	-83.0 ± 9.2	1.27	88.0
2009 299.0 to 2010 34.0	1.94 ± 0.38	-36.6 ± 11.2	0.74	51.0
2009 333.0 to 2010 68.0	0.28 ± 0.34	12.6 ± 69.6	1.37	94.5
2010 2.0 to 2010 102.0	1.38 ± 0.35	-52.3 ± 14.5	0.10	7.2
2010 36.0 to 2010 136.0	2.07 ± 0.41	-63.3 ± 11.3	0.66	45.9
2010 70.0 to 2010 170.0	2.15 ± 0.44	-42.4 ± 11.7	0.81	55.9
2010 104.0 to 2010 204.0	1.38 ± 0.45	-34.4 ± 18.7	0.52	36.1
2010 138.0 to 2010 238.0	1.31 ± 1.04	4.0 ± 45.5	1.37	94.9
2010 172.0 to 2010 272.0	1.73 ± 0.34	-111.7 ± 11.3	1.52	104.8
2010 206.0 to 2010 306.0	1.76 ± 0.37	-47.5 ± 12.0	0.38	26.5
2010 240.0 to 2010 340.0	0.87 ± 0.35	-64.9 ± 23.1	0.61	41.9
2010 274.0 to 2011 9.0	1.29 ± 0.31	-44.0 ± 13.8	0.32	21.9
2010 308.0 to 2011 43.0	1.13 ± 0.30	-47.5 ± 15.2	0.36	25.2
2010 342.0 to 2011 77.0	1.47 ± 0.28	-56.1 ± 10.9	0.03	1.8
2011 11.0 to 2011 111.0	1.43 ± 0.28	-43.3 ± 11.2	0.31	21.2
2011 45.0 to 2011 145.0	2.13 ± 0.30	-95.1 ± 8.1	1.37	94.7
2011 79.0 to 2011 179.0	1.91 ± 0.40	-59.1 ± 12.0	0.47	32.7
2011 113.0 to 2011 213.0	1.24 ± 0.40	-44.3 ± 18.5	0.33	23.1
2011 147.0 to 2011 247.0	0.43 ± 0.31	-49.7 ± 41.3	1.02	70.5
2011 181.0 to 2011 281.0	1.93 ± 0.31	-71.5 ± 9.2	0.67	46.2
2011 216.0 to 2011 316.0	0.35 ± 0.31	-39.2 ± 50.7	1.12	77.1
2011 250.0 to 2011 350.0	0.63 ± 0.38	104.8 ± 34.6	2.05	141.7
2011 284.0 to 2012 19.0	1.97 ± 0.43	-62.5 ± 12.5	0.56	38.7
2011 340.0 to 2012 75.0	1.21 ± 0.30	-19.3 ± 14.2	0.86	59.2
2012 9.0 to 2012 109.0	0.19 ± 0.29	-90.0 ± 87.5	1.30	89.5
2012 43.0 to 2012 143.0	2.44 ± 0.33	-77.2 ± 7.7	1.22	84.1
2012 77.0 to 2012 177.0	1.79 ± 0.36	-45.7 ± 11.5	0.44	30.3
2012 118.0 to 2012 218.0	1.81 ± 0.41	-47.9 ± 13.0	0.42	29.1
2012 159.0 to 2012 259.0	2.77 ± 0.42	-65.6 ± 8.7	1.37	94.5
2012 200.0 to 2012 300.0	1.23 ± 0.32	-90.9 ± 14.9	0.84	58.0
2012 241.0 to 2012 341.0	2.58 ± 0.26	-74.0 ± 5.8	1.29	89.2
2012 282.0 to 2013 16.0	1.21 ± 0.25	-88.0 ± 11.8	0.78	53.7
2012 323.0 to 2013 57.0	1.45 ± 0.28	-55.4 ± 11.1	0.00	0.2
2012 364.0 to 2013 98.0	1.15 ± 0.44	-14.6 ± 21.9	0.95	65.6
2013 39.0 to 2013 139.0	2.08 ± 0.44	-76.4 ± 12.1	0.89	61.6