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	0.18261	-3.4
2009 198.0 to 2009 298.0	-5.40154 ± 0.08577	0.00000	-0.0
2009 222.0 to 2009 322.0	-5.39890 ± 0.07937	0.00264	-0.0
2009 246.0 to 2009 346.0	-4.92291 ± 0.09370	0.47863	-8.9
2009 270.0 to 2010 5.0	-4.80470 ± 0.10190	0.59684	-11.0
2009 299.0 to 2010 34.0	-4.53490 ± 0.10650	0.86664	-16.0
2009 333.0 to 2010 68.0	-4.31851 ± 0.10819	1.08303	-20.1
2010 2.0 to 2010 102.0	-4.29224 ± 0.10295	1.10930	-20.5
2010 36.0 to 2010 136.0	-4.33149 ± 0.10875	1.07005	-19.8
2010 70.0 to 2010 170.0	-4.38701 ± 0.11170	1.01453	-18.8
2010 104.0 to 2010 204.0	-4.42440 ± 0.12179	0.97714	-18.1
2010 138.0 to 2010 238.0	-4.10900 ± 0.16331	1.29254	-23.9
2010 172.0 to 2010 272.0	-5.63963 ± 0.12103	-0.23809	4.4
2010 206.0 to 2010 306.0	-5.64241 ± 0.11805	-0.24087	4.5
2010 240.0 to 2010 340.0	-5.52261 ± 0.09697	-0.12107	2.2
2010 274.0 to 2011 9.0	-5.45646 ± 0.09004	-0.05492	1.0
2010 308.0 to 2011 43.0	-5.46693 ± 0.08398	-0.06539	1.2
2010 342.0 to 2011 77.0	-5.74510 ± 0.07499	-0.34356	6.4
2011 11.0 to 2011 111.0	-5.90773 ± 0.07375	-0.50619	9.4
2011 45.0 to 2011 145.0	-6.03476 ± 0.09183	-0.63322	11.7
2011 79.0 to 2011 179.0	-5.75322 ± 0.14268	-0.35168	6.5
2011 113.0 to 2011 213.0	-5.49746 ± 0.14640	-0.09592	1.8
2011 147.0 to 2011 247.0	-5.49124 ± 0.11224	-0.08970	1.7
2011 181.0 to 2011 281.0	-5.88127 ± 0.11019	-0.47973	8.9
2011 216.0 to 2011 316.0	-5.77351 ± 0.09838	-0.37197	6.9
2011 250.0 to 2011 350.0	-5.22271 ± 0.11100	0.17883	-3.3
2011 284.0 to 2012 19.0	-5.14172 ± 0.10898	0.25982	-4.8

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	0.26	7.0
2009 198.0 to 2009 298.0	4.01 ± 0.08	148.8 ± 1.1	0.35	9.3
2009 222.0 to 2009 322.0	4.03 ± 0.08	147.7 ± 1.1	0.32	8.4
2009 246.0 to 2009 346.0	3.95 ± 0.09	148.0 ± 1.3	0.27	7.2
2009 270.0 to 2010 5.0	4.06 ± 0.10	145.2 ± 1.4	0.28	7.5
2009 299.0 to 2010 34.0	3.99 ± 0.09	146.9 ± 1.3	0.25	6.7
2009 333.0 to 2010 68.0	3.93 ± 0.09	146.7 ± 1.3	0.19	5.1
2010 2.0 to 2010 102.0	3.89 ± 0.09	147.6 ± 1.3	0.21	5.6
2010 36.0 to 2010 136.0	3.86 ± 0.10	147.5 ± 1.5	0.19	5.1
2010 70.0 to 2010 170.0	3.77 ± 0.11	145.8 ± 1.7	0.06	1.6
2010 104.0 to 2010 204.0	3.81 ± 0.11	146.1 ± 1.7	0.09	2.3
2010 138.0 to 2010 238.0	3.72 ± 0.14	146.2 ± 2.2	0.10	2.7
2010 172.0 to 2010 272.0	3.76 ± 0.09	146.8 ± 1.4	0.13	3.3
2010 206.0 to 2010 306.0	3.69 ± 0.09	146.2 ± 1.4	0.12	3.2
2010 240.0 to 2010 340.0	3.70 ± 0.09	145.9 ± 1.4	0.10	2.7
2010 274.0 to 2011 9.0	3.80 ± 0.08	144.6 ± 1.2	0.03	0.8
2010 308.0 to 2011 43.0	3.70 ± 0.08	142.7 ± 1.2	0.16	4.3
2010 342.0 to 2011 77.0	3.72 ± 0.07	143.5 ± 1.1	0.11	2.9
2011 11.0 to 2011 111.0	3.67 ± 0.07	143.7 ± 1.1	0.13	3.5
2011 45.0 to 2011 145.0	3.83 ± 0.08	143.5 ± 1.2	0.11	2.8
2011 79.0 to 2011 179.0	3.68 ± 0.10	141.9 ± 1.6	0.22	5.8
2011 113.0 to 2011 213.0	3.84 ± 0.10	140.5 ± 1.5	0.30	7.9
2011 147.0 to 2011 247.0	3.74 ± 0.08	139.7 ± 1.2	0.34	9.1
2011 181.0 to 2011 281.0	3.67 ± 0.08	140.1 ± 1.2	0.33	8.7
2011 216.0 to 2011 316.0	3.58 ± 0.08	139.3 ± 1.3	0.41	10.9
2011 250.0 to 2011 350.0	3.58 ± 0.10	140.2 ± 1.6	0.36	9.6
2011 284.0 to 2012 19.0	3.62 ± 0.11	138.2 ± 1.7	0.46	12.2

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	0.81	23.0
2009 198.0 to 2009 298.0	4.02 ± 0.14	-150.3 ± 2.0	0.55	15.4
2009 222.0 to 2009 322.0	4.12 ± 0.14	-151.8 ± 1.9	0.68	19.3
2009 246.0 to 2009 346.0	3.82 ± 0.17	-149.6 ± 2.5	0.35	9.9
2009 270.0 to 2010 5.0	4.12 ± 0.20	-151.9 ± 2.8	0.69	19.4
2009 299.0 to 2010 34.0	4.18 ± 0.20	-153.1 ± 2.7	0.78	22.1
2009 333.0 to 2010 68.0	4.04 ± 0.19	-155.5 ± 2.7	0.79	22.2
2010 2.0 to 2010 102.0	3.81 ± 0.19	-154.9 ± 2.9	0.62	17.4
2010 36.0 to 2010 136.0	3.60 ± 0.22	-152.8 ± 3.5	0.41	11.7
2010 70.0 to 2010 170.0	3.75 ± 0.23	-150.1 ± 3.5	0.32	9.0
2010 104.0 to 2010 204.0	3.58 ± 0.21	-144.6 ± 3.4	0.11	3.0
2010 138.0 to 2010 238.0	3.53 ± 0.25	-142.0 ± 4.1	0.26	7.3
2010 172.0 to 2010 272.0	3.39 ± 0.17	-144.4 ± 2.9	0.19	5.4
2010 206.0 to 2010 306.0	3.60 ± 0.18	-145.7 ± 2.9	0.06	1.8
2010 240.0 to 2010 340.0	3.65 ± 0.18	-147.3 ± 2.8	0.12	3.5
2010 274.0 to 2011 9.0	3.94 ± 0.17	-147.4 ± 2.5	0.40	11.3
2010 308.0 to 2011 43.0	3.53 ± 0.17	-146.6 ± 2.8	0.03	0.8
2010 342.0 to 2011 77.0	3.49 ± 0.16	-145.5 ± 2.6	0.07	2.0
2011 11.0 to 2011 111.0	3.34 ± 0.15	-144.3 ± 2.6	0.24	6.6
2011 45.0 to 2011 145.0	3.29 ± 0.17	-135.9 ± 3.0	0.67	18.8
2011 79.0 to 2011 179.0	3.17 ± 0.24	-138.0 ± 4.3	0.61	17.2
2011 113.0 to 2011 213.0	3.14 ± 0.22	-137.9 ± 4.0	0.63	17.8
2011 147.0 to 2011 247.0	3.25 ± 0.15	-145.7 ± 2.6	0.30	8.4
2011 181.0 to 2011 281.0	2.99 ± 0.14	-143.5 ± 2.7	0.58	16.3
2011 216.0 to 2011 316.0	2.88 ± 0.15	-136.7 ± 3.0	0.85	24.0
2011 250.0 to 2011 350.0	3.02 ± 0.20	-138.8 ± 3.8	0.67	19.0
2011 284.0 to 2012 19.0	2.84 ± 0.24	-139.3 ± 4.8	0.80	22.6

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	3.56 ± 0.59	16.0 ± 9.5	2.31	50.1
2009 198.0 to 2009 298.0	6.79 ± 0.58	-2.5 ± 4.9	2.43	52.8
2009 222.0 to 2009 322.0	4.28 ± 0.83	-20.6 ± 11.1	0.64	13.9
2009 246.0 to 2009 346.0	2.44 ± 0.72	-36.3 ± 16.9	2.54	55.2
2009 270.0 to 2010 5.0	5.55 ± 0.81	13.0 ± 8.4	2.50	54.3
2009 299.0 to 2010 34.0	4.12 ± 0.84	-27.4 ± 11.7	1.16	25.3
2009 333.0 to 2010 68.0	5.21 ± 0.76	-18.5 ± 8.4	0.74	16.2
2010 2.0 to 2010 102.0	2.86 ± 0.79	-13.9 ± 15.8	1.74	37.9
2010 36.0 to 2010 136.0	6.13 ± 0.89	-35.4 ± 8.3	2.53	55.0
2010 70.0 to 2010 170.0	4.80 ± 0.93	-21.1 ± 11.1	0.66	14.3
2010 104.0 to 2010 204.0	4.04 ± 0.88	-36.8 ± 12.5	1.83	39.8
2010 138.0 to 2010 238.0	9.84 ± 2.57	-30.8 ± 15.0	5.62	122.0
2010 172.0 to 2010 272.0	4.88 ± 0.70	-12.3 ± 8.2	0.29	6.3
2010 206.0 to 2010 306.0	5.13 ± 0.75	1.8 ± 8.4	1.39	30.2
2010 240.0 to 2010 340.0	4.46 ± 0.73	4.7 ± 9.4	1.44	31.2
2010 274.0 to 2011 9.0	4.22 ± 0.71	-12.4 ± 9.6	0.39	8.5
2010 308.0 to 2011 43.0	5.25 ± 0.71	-3.9 ± 7.7	1.04	22.6
2010 342.0 to 2011 77.0	3.94 ± 0.63	-16.0 ± 9.2	0.69	15.0
2011 11.0 to 2011 111.0	5.19 ± 0.61	-14.1 ± 6.7	0.59	12.8
2011 45.0 to 2011 145.0	8.06 ± 0.69	-9.7 ± 4.9	3.48	75.5
2011 79.0 to 2011 179.0	4.22 ± 0.96	-14.7 ± 13.0	0.40	8.6
2011 113.0 to 2011 213.0	8.33 ± 0.89	4.8 ± 6.1	4.21	91.5
2011 147.0 to 2011 247.0	4.29 ± 0.62	10.2 ± 8.3	1.85	40.1
2011 181.0 to 2011 281.0	7.23 ± 0.58	-9.2 ± 4.6	2.66	57.8
2011 216.0 to 2011 316.0	2.37 ± 0.62	28.1 ± 15.0	3.24	70.3
2011 250.0 to 2011 350.0	5.32 ± 0.83	-22.3 ± 8.9	1.05	22.7
2011 284.0 to 2012 19.0	3.88 ± 0.97	15.8 ± 14.3	2.25	49.0

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	1.99	155.4
2009 198.0 to 2009 298.0	1.28 ± 0.33	-37.4 ± 14.8	0.28	22.1
2009 222.0 to 2009 322.0	0.88 ± 0.43	-90.6 ± 28.0	0.84	65.3
2009 246.0 to 2009 346.0	1.53 ± 0.35	-153.6 ± 13.1	2.21	173.0
2009 270.0 to 2010 5.0	2.37 ± 0.38	-83.0 ± 9.2	1.47	115.1
2009 299.0 to 2010 34.0	1.94 ± 0.38	-36.6 ± 11.2	0.76	59.3
2009 333.0 to 2010 68.0	0.28 ± 0.34	12.6 ± 69.6	1.18	92.0
2010 2.0 to 2010 102.0	1.38 ± 0.35	-52.3 ± 14.5	0.11	8.9
2010 36.0 to 2010 136.0	2.07 ± 0.41	-63.3 ± 11.3	0.88	68.5
2010 70.0 to 2010 170.0	2.15 ± 0.44	-42.4 ± 11.7	0.90	70.4
2010 104.0 to 2010 204.0	1.38 ± 0.45	-34.4 ± 18.7	0.38	29.5
2010 138.0 to 2010 238.0	1.31 ± 1.04	4.0 ± 45.5	1.18	92.1
2010 172.0 to 2010 272.0	1.73 ± 0.34	-111.7 ± 11.3	1.59	124.3
2010 206.0 to 2010 306.0	1.76 ± 0.37	-47.5 ± 12.0	0.49	38.1
2010 240.0 to 2010 340.0	0.87 ± 0.35	-64.9 ± 23.1	0.49	38.4
2010 274.0 to 2011 9.0	1.29 ± 0.31	-44.0 ± 13.8	0.14	10.7
2010 308.0 to 2011 43.0	1.13 ± 0.30	-47.5 ± 15.2	0.16	12.4
2010 342.0 to 2011 77.0	1.47 ± 0.28	-56.1 ± 10.9	0.24	18.7
2011 11.0 to 2011 111.0	1.43 ± 0.28	-43.3 ± 11.2	0.22	17.3
2011 45.0 to 2011 145.0	2.13 ± 0.30	-95.1 ± 8.1	1.52	119.2
2011 79.0 to 2011 179.0	1.91 ± 0.40	-59.1 ± 12.0	0.68	53.0
2011 113.0 to 2011 213.0	1.24 ± 0.40	-44.3 ± 18.5	0.13	10.4
2011 147.0 to 2011 247.0	0.43 ± 0.31	-49.7 ± 41.3	0.85	66.4
2011 181.0 to 2011 281.0	1.93 ± 0.31	-71.5 ± 9.2	0.87	68.4
2011 216.0 to 2011 316.0	0.35 ± 0.31	-39.2 ± 50.7	0.94	73.3
2011 250.0 to 2011 350.0	0.63 ± 0.38	104.8 ± 34.6	1.87	146.1
2011 284.0 to 2012 19.0	1.97 ± 0.43	-62.5 ± 12.5	0.77	60.4