B206CH2 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	-5.07360 ± 0.07810	0.04001	-0.8
2009 198.0 to 2009 298.0	-5.10828 ± 0.07147	0.00533	-0.1
2009 222.0 to 2009 322.0	-4.93117 ± 0.07500	0.18244	-3.6
2009 246.0 to 2009 346.0	-4.42321 ± 0.08809	0.69040	-13.5
2009 270.0 to 2010 5.0	-4.27619 ± 0.09024	0.83742	-16.4
2009 299.0 to 2010 34.0	-4.08646 ± 0.09169	1.02715	-20.1
2009 333.0 to 2010 68.0	-4.04768 ± 0.09538	1.06593	-20.8
2010 2.0 to 2010 102.0	-4.00974 ± 0.09747	1.10387	-21.6
2010 36.0 to 2010 136.0	-3.88814 ± 0.10144	1.22547	-24.0
2010 70.0 to 2010 170.0	-4.08010 ± 0.09623	1.03351	-20.2
2010 104.0 to 2010 204.0	-4.08581 ± 0.10027	1.02780	-20.1
2010 138.0 to 2010 238.0	-3.90892 ± 0.11952	1.20469	-23.6
2010 172.0 to 2010 272.0	-5.40803 ± 0.09254	-0.29442	5.8
2010 206.0 to 2010 306.0	-5.33401 ± 0.09777	-0.22040	4.3
2010 240.0 to 2010 340.0	-5.19807 ± 0.10578	-0.08446	1.7
2010 274.0 to 2011 9.0	-5.11361 ± 0.10939	0.00000	-0.0
2010 308.0 to 2011 43.0	-5.13274 ± 0.10744	-0.01913	0.4
2010 342.0 to 2011 77.0	-5.40929 ± 0.08428	-0.29568	5.8
2011 11.0 to 2011 111.0	-5.68246 ± 0.07194	-0.56885	11.1
2011 45.0 to 2011 145.0	-5.81126 ± 0.10368	-0.69765	13.6
2011 79.0 to 2011 179.0	-5.48541 ± 0.16045	-0.37180	7.3
2011 113.0 to 2011 213.0	-5.16908 ± 0.15283	-0.05547	1.1
2011 147.0 to 2011 247.0	-5.14948 ± 0.09512	-0.03587	0.7
2011 181.0 to 2011 281.0	-5.43227 ± 0.10683	-0.31866	6.2
2011 216.0 to 2011 316.0	-5.32394 ± 0.10333	-0.21033	4.1
2011 250.0 to 2011 350.0	-4.81157 ± 0.12045	0.30204	-5.9
2011 284.0 to 2012 19.0	-4.80858 ± 0.12101	0.30503	-6.0
2011 340.0 to 2012 75.0	-5.11641 ± 0.07133	-0.00280	0.1
2012 9.0 to 2012 109.0	-5.29882 ± 0.06076	-0.18521	3.6
2012 43.0 to 2012 143.0	-5.22353 ± 0.07548	-0.10992	2.1
2012 77.0 to 2012 177.0	-5.10829 ± 0.07990	0.00532	-0.1
2012 118.0 to 2012 218.0	-5.11024 ± 0.11992	0.00337	-0.1
2012 159.0 to 2012 259.0	-4.78479 ± 0.15960	0.32882	-6.4
2012 200.0 to 2012 300.0	-4.74063 ± 0.11166	0.37298	-7.3
2012 241.0 to 2012 341.0	-4.99861 ± 0.06862	0.11500	-2.2
2012 282.0 to 2013 16.0	-5.32410 ± 0.06357	-0.21049	4.1
2012 323.0 to 2013 57.0	-5.27480 ± 0.07170	-0.16119	3.2
2012 364.0 to 2013 98.0	-5.41779 ± 0.13495	-0.30418	5.9
2013 39.0 to 2013 139.0	-5.19508 ± 0.13424	-0.08147	1.6

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	9.88 ± 0.06	-169.4 ± 0.3	0.48	5.1
2009 198.0 to 2009 298.0	9.96 ± 0.06	-169.4 ± 0.3	0.55	5.8
2009 222.0 to 2009 322.0	9.95 ± 0.06	-169.6 ± 0.3	0.53	5.6
2009 246.0 to 2009 346.0	9.88 ± 0.07	-169.2 ± 0.4	0.50	5.3
2009 270.0 to 2010 5.0	9.80 ± 0.07	-170.3 ± 0.4	0.35	3.7
2009 299.0 to 2010 34.0	9.75 ± 0.08	-169.8 ± 0.5	0.34	3.6
2009 333.0 to 2010 68.0	9.68 ± 0.07	-170.5 ± 0.4	0.22	2.3
2010 2.0 to 2010 102.0	9.65 ± 0.08	-170.5 ± 0.5	0.19	2.0
2010 36.0 to 2010 136.0	9.64 ± 0.09	-170.5 ± 0.5	0.18	1.9
2010 70.0 to 2010 170.0	9.58 ± 0.09	-170.5 ± 0.5	0.13	1.4
2010 104.0 to 2010 204.0	9.54 ± 0.09	-170.2 ± 0.5	0.14	1.4
2010 138.0 to 2010 238.0	9.54 ± 0.09	-169.9 ± 0.5	0.18	1.9
2010 172.0 to 2010 272.0	9.49 ± 0.06	-170.1 ± 0.4	0.13	1.4
2010 206.0 to 2010 306.0	9.48 ± 0.06	-170.5 ± 0.4	0.07	0.7
2010 240.0 to 2010 340.0	9.47 ± 0.08	-170.9 ± 0.5	0.00	0.0
2010 274.0 to 2011 9.0	9.44 ± 0.09	-171.1 ± 0.5	0.04	0.5
2010 308.0 to 2011 43.0	9.36 ± 0.10	-170.9 ± 0.6	0.11	1.1
2010 342.0 to 2011 77.0	9.42 ± 0.08	-170.9 ± 0.5	0.05	0.5
2011 11.0 to 2011 111.0	9.37 ± 0.06	-171.0 ± 0.4	0.10	1.0
2011 45.0 to 2011 145.0	9.42 ± 0.09	-171.4 ± 0.5	0.10	1.0
2011 79.0 to 2011 179.0	9.32 ± 0.12	-171.6 ± 0.7	0.19	2.0
2011 113.0 to 2011 213.0	9.38 ± 0.10	-172.0 ± 0.6	0.20	2.1
2011 147.0 to 2011 247.0	9.38 ± 0.06	-171.5 ± 0.4	0.13	1.4
2011 181.0 to 2011 281.0	9.32 ± 0.06	-170.7 ± 0.4	0.15	1.6
2011 216.0 to 2011 316.0	9.29 ± 0.07	-170.6 ± 0.4	0.18	1.9
2011 250.0 to 2011 350.0	9.32 ± 0.09	-170.4 ± 0.6	0.17	1.8
2011 284.0 to 2012 19.0	9.32 ± 0.11	-171.5 ± 0.7	0.18	1.9
2011 340.0 to 2012 75.0	9.31 ± 0.07	-172.7 ± 0.4	0.33	3.5
2012 9.0 to 2012 109.0	9.40 ± 0.05	-174.0 ± 0.3	0.52	5.4
2012 43.0 to 2012 143.0	9.39 ± 0.06	-175.0 ± 0.4	0.68	7.2
2012 77.0 to 2012 177.0	9.33 ± 0.06	-176.2 ± 0.4	0.88	9.3
2012 118.0 to 2012 218.0	9.45 ± 0.09	-177.9 ± 0.5	1.16	12.2
2012 159.0 to 2012 259.0	9.46 ± 0.10	-174.9 ± 0.6	0.66	7.0
2012 200.0 to 2012 300.0	9.48 ± 0.07	-171.5 ± 0.4	0.10	1.1
2012 241.0 to 2012 341.0	9.44 ± 0.05	-170.6 ± 0.3	0.06	0.6
2012 282.0 to 2013 16.0	9.37 ± 0.05	-170.8 ± 0.3	0.10	1.0
2012 323.0 to 2013 57.0	9.41 ± 0.06	-171.5 ± 0.4	0.11	1.2
2012 364.0 to 2013 98.0	9.52 ± 0.11	-171.0 ± 0.7	0.05	0.6
2013 39.0 to 2013 139.0	9.44 ± 0.11	-170.9 ± 0.7	0.03	0.3

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	3.50 ± 0.10	-115.8 ± 1.6	0.56	17.6
2009 198.0 to 2009 298.0	3.49 ± 0.10	-112.0 ± 1.6	0.39	12.2
2009 222.0 to 2009 322.0	3.42 ± 0.12	-114.4 ± 2.0	0.44	14.0
2009 246.0 to 2009 346.0	3.35 ± 0.16	-110.3 ± 2.7	0.22	6.8
2009 270.0 to 2010 5.0	3.38 ± 0.17	-115.2 ± 2.9	0.46	14.6
2009 299.0 to 2010 34.0	3.50 ± 0.17	-116.5 ± 2.8	0.59	18.7
2009 333.0 to 2010 68.0	3.40 ± 0.17	-116.6 ± 2.9	0.55	17.1
2010 2.0 to 2010 102.0	3.35 ± 0.18	-113.9 ± 3.1	0.38	12.0
2010 36.0 to 2010 136.0	3.07 ± 0.20	-112.4 ± 3.7	0.27	8.5
2010 70.0 to 2010 170.0	3.26 ± 0.19	-111.3 ± 3.3	0.21	6.5
2010 104.0 to 2010 204.0	3.29 ± 0.17	-108.3 ± 3.0	0.11	3.4
2010 138.0 to 2010 238.0	3.40 ± 0.18	-106.8 ± 3.0	0.23	7.1
2010 172.0 to 2010 272.0	3.17 ± 0.13	-106.5 ± 2.3	0.08	2.4
2010 206.0 to 2010 306.0	3.27 ± 0.15	-108.3 ± 2.6	0.09	2.8
2010 240.0 to 2010 340.0	3.04 ± 0.18	-110.8 ± 3.4	0.21	6.7
2010 274.0 to 2011 9.0	3.37 ± 0.22	-112.2 ± 3.7	0.31	9.7
2010 308.0 to 2011 43.0	3.20 ± 0.23	-108.1 ± 4.1	0.02	0.7
2010 342.0 to 2011 77.0	3.16 ± 0.18	-106.5 ± 3.3	0.08	2.5
2011 11.0 to 2011 111.0	2.95 ± 0.14	-104.6 ± 2.7	0.29	9.2
2011 45.0 to 2011 145.0	3.32 ± 0.19	-98.2 ± 3.3	0.56	17.7
2011 79.0 to 2011 179.0	3.19 ± 0.27	-99.8 ± 4.8	0.45	14.1
2011 113.0 to 2011 213.0	3.12 ± 0.23	-100.5 ± 4.2	0.41	12.9
2011 147.0 to 2011 247.0	2.97 ± 0.13	-109.2 ± 2.5	0.23	7.1
2011 181.0 to 2011 281.0	2.86 ± 0.14	-106.3 ± 2.8	0.33	10.5
2011 216.0 to 2011 316.0	2.89 ± 0.15	-101.8 ± 3.0	0.43	13.7
2011 250.0 to 2011 350.0	2.93 ± 0.22	-103.9 ± 4.3	0.33	10.4
2011 284.0 to 2012 19.0	2.82 ± 0.26	-99.6 ± 5.3	0.56	17.7
2011 340.0 to 2012 75.0	2.61 ± 0.16	-100.9 ± 3.5	0.67	21.1
2012 9.0 to 2012 109.0	2.83 ± 0.12	-105.0 ± 2.4	0.38	12.1
2012 43.0 to 2012 143.0	2.90 ± 0.14	-112.6 ± 2.8	0.38	11.9
2012 77.0 to 2012 177.0	3.03 ± 0.14	-109.5 ± 2.6	0.18	5.6
2012 118.0 to 2012 218.0	3.13 ± 0.19	-101.8 ± 3.5	0.34	10.6
2012 159.0 to 2012 259.0	2.86 ± 0.23	-96.6 ± 4.6	0.67	21.2
2012 200.0 to 2012 300.0	2.63 ± 0.15	-100.9 ± 3.3	0.66	20.6
2012 241.0 to 2012 341.0	2.76 ± 0.11	-103.5 ± 2.3	0.48	15.1
2012 282.0 to 2013 16.0	2.74 ± 0.12	-109.0 ± 2.5	0.45	14.0
2012 323.0 to 2013 57.0	2.91 ± 0.14	-110.2 ± 2.8	0.30	9.4
2012 364.0 to 2013 98.0	2.69 ± 0.24	-109.7 ± 5.1	0.50	15.8
2013 39.0 to 2013 139.0	2.72 ± 0.23	-105.0 ± 4.8	0.49	15.3

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	4.93 ± 0.43	53.2 ± 5.0	1.73	42.0
2009 198.0 to 2009 298.0	6.39 ± 0.44	31.4 ± 3.9	2.29	55.5
2009 222.0 to 2009 322.0	3.67 ± 0.69	34.4 ± 10.8	0.45	10.9
2009 246.0 to 2009 346.0	3.48 ± 0.63	53.8 ± 10.4	1.46	35.5
2009 270.0 to 2010 5.0	6.50 ± 0.68	50.5 ± 6.0	2.82	68.6
2009 299.0 to 2010 34.0	3.10 ± 0.72	17.3 ± 13.3	1.44	35.0
2009 333.0 to 2010 68.0	3.66 ± 0.67	38.4 ± 10.5	0.55	13.4
2010 2.0 to 2010 102.0	2.86 ± 0.75	36.0 ± 15.0	1.26	30.7
2010 36.0 to 2010 136.0	3.17 ± 0.81	-2.4 ± 14.6	2.43	59.1
2010 70.0 to 2010 170.0	3.59 ± 0.80	10.3 ± 12.8	1.65	40.0
2010 104.0 to 2010 204.0	3.05 ± 0.70	20.1 ± 13.1	1.36	33.0
2010 138.0 to 2010 238.0	6.85 ± 1.83	-8.3 ± 15.3	4.69	114.0
2010 172.0 to 2010 272.0	5.45 ± 0.54	45.4 ± 5.7	1.65	40.0
2010 206.0 to 2010 306.0	6.74 ± 0.60	29.3 ± 5.1	2.66	64.6
2010 240.0 to 2010 340.0	4.78 ± 0.74	44.3 ± 8.9	1.05	25.6
2010 274.0 to 2011 9.0	4.51 ± 0.88	41.0 ± 11.2	0.67	16.4
2010 308.0 to 2011 43.0	5.34 ± 0.94	34.9 ± 10.1	1.23	29.9
2010 342.0 to 2011 77.0	3.88 ± 0.73	27.9 ± 10.8	0.47	11.4
2011 11.0 to 2011 111.0	4.14 ± 0.59	24.0 ± 8.2	0.70	17.1
2011 45.0 to 2011 145.0	8.00 ± 0.79	9.2 ± 5.7	4.59	111.5
2011 79.0 to 2011 179.0	3.50 ± 1.11	26.8 ± 18.2	0.77	18.7
2011 113.0 to 2011 213.0	9.35 ± 0.95	28.6 ± 5.8	5.27	128.0
2011 147.0 to 2011 247.0	5.10 ± 0.54	37.0 ± 6.1	1.02	24.8
2011 181.0 to 2011 281.0	6.05 ± 0.56	22.2 ± 5.3	2.18	53.0
2011 216.0 to 2011 316.0	4.90 ± 0.61	60.2 ± 7.1	2.20	53.5
2011 250.0 to 2011 350.0	4.05 ± 0.88	16.1 ± 12.4	1.25	30.5
2011 284.0 to 2012 19.0	4.70 ± 1.07	53.3 ± 13.0	1.60	39.0
2011 340.0 to 2012 75.0	3.98 ± 0.63	44.1 ± 9.1	0.74	18.0
2012 9.0 to 2012 109.0	4.99 ± 0.49	-3.7 ± 5.6	3.04	73.8
2012 43.0 to 2012 143.0	4.21 ± 0.57	38.6 ± 7.8	0.36	8.9
2012 77.0 to 2012 177.0	6.91 ± 0.56	3.4 ± 4.6	3.95	96.0
2012 118.0 to 2012 218.0	2.53 ± 0.78	-34.2 ± 17.7	3.94	95.7
2012 159.0 to 2012 259.0	6.88 ± 0.92	49.1 ± 7.7	3.11	75.6
2012 200.0 to 2012 300.0	3.66 ± 0.61	19.4 ± 9.5	1.07	26.0
2012 241.0 to 2012 341.0	4.67 ± 0.45	46.5 ± 5.5	1.12	27.2
2012 282.0 to 2013 16.0	4.25 ± 0.48	47.8 ± 6.5	1.03	25.1
2012 323.0 to 2013 57.0	3.66 ± 0.55	32.1 ± 8.6	0.47	11.4
2012 364.0 to 2013 98.0	4.09 ± 0.97	21.8 ± 13.6	0.85	20.8
2013 39.0 to 2013 139.0	2.48 ± 0.95	108.8 ± 21.9	4.22	102.6

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	3.24 ± 0.24	-1.6 ± 4.2	0.99	24.4
2009 198.0 to 2009 298.0	4.35 ± 0.23	12.1 ± 3.0	0.46	11.3
2009 222.0 to 2009 322.0	4.03 ± 0.32	17.5 ± 4.5	0.72	17.7
2009 246.0 to 2009 346.0	2.74 ± 0.28	28.1 ± 5.9	1.78	43.9
2009 270.0 to 2010 5.0	3.92 ± 0.29	-0.6 ± 4.2	0.57	14.0
2009 299.0 to 2010 34.0	4.81 ± 0.30	4.5 ± 3.6	0.79	19.4
2009 333.0 to 2010 68.0	4.38 ± 0.29	28.2 ± 3.8	1.56	38.5
2010 2.0 to 2010 102.0	4.21 ± 0.32	6.9 ± 4.4	0.16	3.9
2010 36.0 to 2010 136.0	4.06 ± 0.35	1.3 ± 4.9	0.43	10.5
2010 70.0 to 2010 170.0	4.82 ± 0.36	6.4 ± 4.3	0.77	19.0
2010 104.0 to 2010 204.0	4.59 ± 0.34	14.4 ± 4.2	0.75	18.6
2010 138.0 to 2010 238.0	4.55 ± 0.71	-1.7 ± 8.9	0.84	20.7
2010 172.0 to 2010 272.0	3.72 ± 0.24	8.0 ± 3.7	0.34	8.3
2010 206.0 to 2010 306.0	3.88 ± 0.25	16.3 ± 3.7	0.64	15.9
2010 240.0 to 2010 340.0	4.43 ± 0.32	3.6 ± 4.1	0.47	11.5
2010 274.0 to 2011 9.0	4.09 ± 0.37	16.7 ± 5.2	0.67	16.4
2010 308.0 to 2011 43.0	4.29 ± 0.39	14.0 ± 5.2	0.54	13.3
2010 342.0 to 2011 77.0	4.08 ± 0.31	9.7 ± 4.4	0.17	4.2
2011 11.0 to 2011 111.0	4.49 ± 0.25	9.1 ± 3.2	0.45	11.2
2011 45.0 to 2011 145.0	3.37 ± 0.33	13.4 ± 5.6	0.79	19.4
2011 79.0 to 2011 179.0	4.52 ± 0.47	2.5 ± 6.0	0.59	14.5
2011 113.0 to 2011 213.0	4.40 ± 0.40	4.6 ± 5.2	0.40	9.9
2011 147.0 to 2011 247.0	3.80 ± 0.23	17.5 ± 3.5	0.74	18.3
2011 181.0 to 2011 281.0	3.59 ± 0.25	8.0 ± 4.0	0.47	11.5
2011 216.0 to 2011 316.0	3.82 ± 0.26	20.5 ± 3.9	0.93	23.0
2011 250.0 to 2011 350.0	4.17 ± 0.37	30.4 ± 5.1	1.65	40.6
2011 284.0 to 2012 19.0	3.98 ± 0.45	3.5 ± 6.5	0.28	6.9
2011 340.0 to 2012 75.0	4.96 ± 0.26	16.0 ± 3.0	1.13	27.9
2012 9.0 to 2012 109.0	3.64 ± 0.21	20.2 ± 3.3	0.96	23.6
2012 43.0 to 2012 143.0	4.06 ± 0.24	-5.5 ± 3.4	0.91	22.4
2012 77.0 to 2012 177.0	4.84 ± 0.25	2.6 ± 3.0	0.87	21.4
2012 118.0 to 2012 218.0	4.43 ± 0.35	5.8 ± 4.5	0.39	9.7
2012 159.0 to 2012 259.0	4.53 ± 0.40	-6.2 ± 5.1	1.12	27.5
2012 200.0 to 2012 300.0	3.77 ± 0.28	5.0 ± 4.3	0.33	8.0
2012 241.0 to 2012 341.0	4.32 ± 0.20	-11.2 ± 2.7	1.37	33.9
2012 282.0 to 2013 16.0	3.46 ± 0.21	7.7 ± 3.5	0.60	14.7
2012 323.0 to 2013 57.0	4.00 ± 0.23	8.7 ± 3.3	0.11	2.7
2012 364.0 to 2013 98.0	4.14 ± 0.43	17.3 ± 6.0	0.72	17.7
2013 39.0 to 2013 139.0	4.03 ± 0.42	-0.7 ± 6.0	0.57	14.0