B206CH0 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	-5.05205 ± 0.07182	-0.02458	0.5
2009 198.0 to 2009 298.0	-4.86627 ± 0.06756	0.16120	-3.2
2009 222.0 to 2009 322.0	-4.72545 ± 0.06622	0.30202	-6.0
2009 246.0 to 2009 346.0	-4.36773 ± 0.07142	0.65974	-13.1
2009 270.0 to 2010 5.0	-4.38016 ± 0.07465	0.64731	-12.9
2009 299.0 to 2010 34.0	-4.33573 ± 0.07344	0.69174	-13.8
2009 333.0 to 2010 68.0	-4.16809 ± 0.07138	0.85938	-17.1
2010 2.0 to 2010 102.0	-4.14068 ± 0.06976	0.88679	-17.6
2010 36.0 to 2010 136.0	-4.00807 ± 0.07796	1.01940	-20.3
2010 70.0 to 2010 170.0	-4.38642 ± 0.07190	0.64105	-12.8
2010 104.0 to 2010 204.0	-4.23820 ± 0.07444	0.78927	-15.7
2010 138.0 to 2010 238.0	-4.35651 ± 0.08302	0.67096	-13.3
2010 172.0 to 2010 272.0	-5.10766 ± 0.05258	-0.08019	1.6
2010 206.0 to 2010 306.0	-5.14748 ± 0.05351	-0.12001	2.4
2010 240.0 to 2010 340.0	-5.14983 ± 0.05688	-0.12236	2.4
2010 274.0 to 2011 9.0	-5.22516 ± 0.05473	-0.19769	3.9
2010 308.0 to 2011 43.0	-5.18431 ± 0.04779	-0.15684	3.1
2010 342.0 to 2011 77.0	-5.27213 ± 0.04538	-0.24466	4.9
2011 11.0 to 2011 111.0	-5.31273 ± 0.05056	-0.28526	5.7
2011 45.0 to 2011 145.0	-5.32722 ± 0.04563	-0.29975	6.0
2011 79.0 to 2011 179.0	-5.22535 ± 0.06349	-0.19788	3.9
2011 113.0 to 2011 213.0	-5.04858 ± 0.06661	-0.02111	0.4
2011 147.0 to 2011 247.0	-4.99852 ± 0.05306	0.02895	-0.6
2011 181.0 to 2011 281.0	-4.98518 ± 0.04746	0.04229	-0.8
2011 216.0 to 2011 316.0	-5.06534 ± 0.04421	-0.03787	0.8
2011 250.0 to 2011 350.0	-4.99458 ± 0.05110	0.03289	-0.7
2011 284.0 to 2012 19.0	-4.93571 ± 0.04890	0.09176	-1.8
2011 340.0 to 2012 75.0	-5.04586 ± 0.04759	-0.01839	0.4
2012 9.0 to 2012 109.0	-5.17291 ± 0.06808	-0.14544	2.9
2012 43.0 to 2012 143.0	-5.28089 ± 0.08396	-0.25342	5.0
2012 77.0 to 2012 177.0	-5.17206 ± 0.08526	-0.14459	2.9
2012 118.0 to 2012 218.0	-4.95437 ± 0.07003	0.07310	-1.5
2012 159.0 to 2012 259.0	-4.46092 ± 0.10273	0.56655	-11.3
2012 200.0 to 2012 300.0	-4.31832 ± 0.09494	0.70915	-14.1
2012 241.0 to 2012 341.0	-4.68063 ± 0.06215	0.34684	-6.9
2012 282.0 to 2013 16.0	-5.14314 ± 0.05084	-0.11567	2.3
2012 323.0 to 2013 57.0	-5.03721 ± 0.05042	-0.00974	0.2
2012 364.0 to 2013 98.0	-5.12520 ± 0.05766	-0.09773	1.9
2013 39.0 to 2013 139.0	-5.02747 ± 0.05667	0.00000	-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	12.47 ± 0.05	36.9 ± 0.2	0.08	0.6
2009 198.0 to 2009 298.0	12.47 ± 0.05	37.2 ± 0.2	0.10	0.8
2009 222.0 to 2009 322.0	12.48 ± 0.05	37.6 ± 0.2	0.16	1.3
2009 246.0 to 2009 346.0	12.46 ± 0.05	37.5 ± 0.2	0.15	1.2
2009 270.0 to 2010 5.0	12.55 ± 0.06	38.0 ± 0.3	0.23	1.9
2009 299.0 to 2010 34.0	12.50 ± 0.06	37.8 ± 0.3	0.20	1.6
2009 333.0 to 2010 68.0	12.50 ± 0.05	37.4 ± 0.2	0.11	0.9
2010 2.0 to 2010 102.0	12.43 ± 0.06	37.1 ± 0.3	0.12	1.0
2010 36.0 to 2010 136.0	12.44 ± 0.07	36.5 ± 0.3	0.14	1.1
2010 70.0 to 2010 170.0	12.52 ± 0.07	36.6 ± 0.3	0.08	0.6
2010 104.0 to 2010 204.0	12.49 ± 0.06	36.6 ± 0.3	0.09	0.7
2010 138.0 to 2010 238.0	12.48 ± 0.06	36.8 ± 0.3	0.07	0.6
2010 172.0 to 2010 272.0	12.47 ± 0.04	37.1 ± 0.2	0.09	0.7
2010 206.0 to 2010 306.0	12.51 ± 0.04	37.2 ± 0.2	0.07	0.6
2010 240.0 to 2010 340.0	12.61 ± 0.05	37.3 ± 0.2	0.10	0.8
2010 274.0 to 2011 9.0	12.69 ± 0.05	37.3 ± 0.2	0.16	1.3
2010 308.0 to 2011 43.0	12.69 ± 0.05	36.9 ± 0.2	0.14	1.1
2010 342.0 to 2011 77.0	12.58 ± 0.05	36.6 ± 0.2	0.08	0.6
2011 11.0 to 2011 111.0	12.56 ± 0.05	36.4 ± 0.2	0.12	0.9
2011 45.0 to 2011 145.0	12.56 ± 0.04	36.4 ± 0.2	0.12	0.9
2011 79.0 to 2011 179.0	12.54 ± 0.05	36.4 ± 0.2	0.12	0.9
2011 113.0 to 2011 213.0	12.60 ± 0.04	36.8 ± 0.2	0.06	0.5
2011 147.0 to 2011 247.0	12.62 ± 0.03	37.2 ± 0.1	0.09	0.7
2011 181.0 to 2011 281.0	12.62 ± 0.03	37.3 ± 0.1	0.11	0.9
2011 216.0 to 2011 316.0	12.61 ± 0.03	37.4 ± 0.1	0.12	1.0
2011 250.0 to 2011 350.0	12.55 ± 0.04	37.0 ± 0.2	0.02	0.1
2011 284.0 to 2012 19.0	12.60 ± 0.05	36.3 ± 0.2	0.15	1.2
2011 340.0 to 2012 75.0	12.67 ± 0.05	34.7 ± 0.2	0.51	4.0
2012 9.0 to 2012 109.0	12.65 ± 0.06	33.9 ± 0.3	0.67	5.4
2012 43.0 to 2012 143.0	12.66 ± 0.07	33.1 ± 0.3	0.85	6.8
2012 77.0 to 2012 177.0	12.62 ± 0.06	31.9 ± 0.3	1.11	8.8
2012 118.0 to 2012 218.0	12.55 ± 0.05	31.1 ± 0.2	1.28	10.2
2012 159.0 to 2012 259.0	12.49 ± 0.07	33.5 ± 0.3	0.75	6.0
2012 200.0 to 2012 300.0	12.40 ± 0.06	37.3 ± 0.3	0.17	1.3
2012 241.0 to 2012 341.0	12.55 ± 0.05	37.8 ± 0.2	0.19	1.5
2012 282.0 to 2013 16.0	12.59 ± 0.04	37.8 ± 0.2	0.20	1.6
2012 323.0 to 2013 57.0	12.63 ± 0.04	37.8 ± 0.2	0.21	1.7
2012 364.0 to 2013 98.0	12.70 ± 0.04	37.4 ± 0.2	0.18	1.5
2013 39.0 to 2013 139.0	12.76 ± 0.04	37.4 ± 0.2	0.24	1.9

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	3.20 ± 0.09	-50.0 ± 1.6	0.37	12.4
2009 198.0 to 2009 298.0	3.13 ± 0.09	-49.9 ± 1.6	0.33	11.1
2009 222.0 to 2009 322.0	3.01 ± 0.10	-49.7 ± 1.9	0.29	9.7
2009 246.0 to 2009 346.0	3.08 ± 0.12	-47.0 ± 2.2	0.17	5.6
2009 270.0 to 2010 5.0	2.96 ± 0.14	-49.2 ± 2.7	0.27	8.9
2009 299.0 to 2010 34.0	2.95 ± 0.14	-50.2 ± 2.7	0.32	10.7
2009 333.0 to 2010 68.0	2.92 ± 0.12	-48.7 ± 2.4	0.25	8.4
2010 2.0 to 2010 102.0	2.93 ± 0.13	-47.0 ± 2.5	0.17	5.6
2010 36.0 to 2010 136.0	2.96 ± 0.15	-44.1 ± 2.9	0.05	1.6
2010 70.0 to 2010 170.0	3.12 ± 0.15	-45.6 ± 2.8	0.14	4.6
2010 104.0 to 2010 204.0	3.34 ± 0.13	-46.3 ± 2.2	0.35	11.8
2010 138.0 to 2010 238.0	3.39 ± 0.12	-47.2 ± 2.0	0.42	14.0
2010 172.0 to 2010 272.0	3.17 ± 0.07	-45.9 ± 1.3	0.19	6.3
2010 206.0 to 2010 306.0	3.04 ± 0.08	-46.2 ± 1.5	0.11	3.8
2010 240.0 to 2010 340.0	3.03 ± 0.10	-46.2 ± 1.9	0.11	3.7
2010 274.0 to 2011 9.0	3.07 ± 0.11	-48.0 ± 2.1	0.21	7.1
2010 308.0 to 2011 43.0	3.13 ± 0.10	-44.7 ± 1.8	0.13	4.2
2010 342.0 to 2011 77.0	3.04 ± 0.10	-42.9 ± 1.9	0.07	2.4
2011 11.0 to 2011 111.0	2.96 ± 0.10	-41.3 ± 1.9	0.15	5.1
2011 45.0 to 2011 145.0	3.16 ± 0.08	-42.4 ± 1.5	0.18	6.0
2011 79.0 to 2011 179.0	3.06 ± 0.11	-41.8 ± 2.1	0.13	4.5
2011 113.0 to 2011 213.0	3.09 ± 0.10	-41.5 ± 1.9	0.16	5.4
2011 147.0 to 2011 247.0	2.98 ± 0.07	-42.0 ± 1.3	0.11	3.8
2011 181.0 to 2011 281.0	3.01 ± 0.06	-42.1 ± 1.1	0.11	3.5
2011 216.0 to 2011 316.0	3.09 ± 0.06	-41.0 ± 1.1	0.19	6.2
2011 250.0 to 2011 350.0	3.05 ± 0.09	-40.2 ± 1.7	0.21	7.1
2011 284.0 to 2012 19.0	3.08 ± 0.10	-40.7 ± 1.9	0.20	6.5
2011 340.0 to 2012 75.0	2.98 ± 0.10	-43.2 ± 1.9	0.06	1.8
2012 9.0 to 2012 109.0	3.18 ± 0.14	-48.2 ± 2.5	0.28	9.3
2012 43.0 to 2012 143.0	2.97 ± 0.16	-48.9 ± 3.1	0.25	8.4
2012 77.0 to 2012 177.0	2.93 ± 0.15	-45.6 ± 2.9	0.11	3.6
2012 118.0 to 2012 218.0	2.99 ± 0.11	-43.8 ± 2.1	0.02	0.8
2012 159.0 to 2012 259.0	3.00 ± 0.14	-41.7 ± 2.7	0.13	4.2
2012 200.0 to 2012 300.0	3.01 ± 0.13	-41.8 ± 2.5	0.12	4.1
2012 241.0 to 2012 341.0	3.01 ± 0.10	-42.8 ± 1.9	0.07	2.3
2012 282.0 to 2013 16.0	2.90 ± 0.09	-46.2 ± 1.8	0.15	5.0
2012 323.0 to 2013 57.0	2.74 ± 0.09	-47.7 ± 1.9	0.32	10.7
2012 364.0 to 2013 98.0	2.66 ± 0.10	-48.0 ± 2.2	0.40	13.2
2013 39.0 to 2013 139.0	2.72 ± 0.10	-44.8 ± 2.1	0.29	9.6

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	3.74 ± 0.36	104.9 ± 5.5	0.98	32.0
2009 198.0 to 2009 298.0	3.59 ± 0.38	89.3 ± 6.1	0.56	18.4
2009 222.0 to 2009 322.0	3.07 ± 0.57	94.3 ± 10.6	0.08	2.5
2009 246.0 to 2009 346.0	3.35 ± 0.50	119.9 ± 8.6	1.53	49.8
2009 270.0 to 2010 5.0	4.85 ± 0.55	91.8 ± 6.5	1.79	58.3
2009 299.0 to 2010 34.0	1.92 ± 0.58	122.0 ± 17.3	1.67	54.6
2009 333.0 to 2010 68.0	2.74 ± 0.50	113.0 ± 10.5	1.06	34.7
2010 2.0 to 2010 102.0	2.85 ± 0.53	118.6 ± 10.7	1.33	43.5
2010 36.0 to 2010 136.0	1.62 ± 0.62	131.0 ± 21.9	2.05	66.9
2010 70.0 to 2010 170.0	1.96 ± 0.61	84.8 ± 17.8	1.16	37.8
2010 104.0 to 2010 204.0	2.45 ± 0.52	132.0 ± 12.2	1.94	63.2
2010 138.0 to 2010 238.0	2.23 ± 1.28	43.3 ± 32.9	2.34	76.5
2010 172.0 to 2010 272.0	3.27 ± 0.30	87.5 ± 5.3	0.36	11.7
2010 206.0 to 2010 306.0	4.00 ± 0.32	72.6 ± 4.6	1.55	50.4
2010 240.0 to 2010 340.0	4.06 ± 0.41	81.5 ± 5.8	1.22	39.6
2010 274.0 to 2011 9.0	3.33 ± 0.45	90.2 ± 7.7	0.30	9.9
2010 308.0 to 2011 43.0	3.46 ± 0.41	79.0 ± 6.8	0.88	28.7
2010 342.0 to 2011 77.0	3.65 ± 0.39	107.2 ± 6.1	1.02	33.3
2011 11.0 to 2011 111.0	2.59 ± 0.41	75.8 ± 9.1	0.96	31.4
2011 45.0 to 2011 145.0	3.06 ± 0.33	53.9 ± 6.2	2.04	66.6
2011 79.0 to 2011 179.0	2.30 ± 0.43	100.8 ± 10.7	0.85	27.7
2011 113.0 to 2011 213.0	4.77 ± 0.40	62.7 ± 4.8	2.62	85.5
2011 147.0 to 2011 247.0	3.08 ± 0.29	84.0 ± 5.4	0.47	15.5
2011 181.0 to 2011 281.0	3.50 ± 0.24	76.2 ± 3.9	1.04	34.0
2011 216.0 to 2011 316.0	4.33 ± 0.26	98.3 ± 3.4	1.31	42.8
2011 250.0 to 2011 350.0	3.44 ± 0.38	93.3 ± 6.3	0.38	12.3
2011 284.0 to 2012 19.0	4.22 ± 0.43	94.5 ± 5.8	1.16	37.8
2011 340.0 to 2012 75.0	3.80 ± 0.42	91.9 ± 6.3	0.74	24.0
2012 9.0 to 2012 109.0	1.03 ± 0.56	61.6 ± 31.2	2.25	73.4
2012 43.0 to 2012 143.0	3.16 ± 0.64	79.2 ± 11.6	0.75	24.3
2012 77.0 to 2012 177.0	1.69 ± 0.61	29.3 ± 20.7	2.76	90.2
2012 118.0 to 2012 218.0	0.61 ± 0.45	141.6 ± 42.3	2.70	88.2
2012 159.0 to 2012 259.0	4.25 ± 0.58	88.4 ± 7.8	1.22	39.7
2012 200.0 to 2012 300.0	1.40 ± 0.52	109.1 ± 21.3	1.77	57.6
2012 241.0 to 2012 341.0	2.81 ± 0.41	92.4 ± 8.4	0.26	8.4
2012 282.0 to 2013 16.0	3.80 ± 0.38	92.3 ± 5.7	0.74	24.0
2012 323.0 to 2013 57.0	2.58 ± 0.38	99.8 ± 8.4	0.59	19.3
2012 364.0 to 2013 98.0	2.75 ± 0.40	102.8 ± 8.3	0.59	19.4
2013 39.0 to 2013 139.0	3.00 ± 0.39	130.6 ± 7.4	1.96	64.0

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	7.35 ± 0.19	-145.0 ± 1.5	1.32	21.5
2009 198.0 to 2009 298.0	6.26 ± 0.19	-147.7 ± 1.7	0.21	3.4
2009 222.0 to 2009 322.0	6.40 ± 0.25	-151.1 ± 2.2	0.35	5.7
2009 246.0 to 2009 346.0	7.46 ± 0.22	-154.8 ± 1.7	1.49	24.3
2009 270.0 to 2010 5.0	7.11 ± 0.23	-144.4 ± 1.9	1.13	18.4
2009 299.0 to 2010 34.0	6.19 ± 0.25	-145.2 ± 2.3	0.43	7.0
2009 333.0 to 2010 68.0	5.95 ± 0.22	-161.1 ± 2.1	1.27	20.7
2010 2.0 to 2010 102.0	6.16 ± 0.23	-149.7 ± 2.1	0.07	1.1
2010 36.0 to 2010 136.0	6.62 ± 0.27	-141.9 ± 2.3	0.95	15.4
2010 70.0 to 2010 170.0	5.43 ± 0.28	-147.7 ± 3.0	0.71	11.6
2010 104.0 to 2010 204.0	5.77 ± 0.25	-148.8 ± 2.5	0.36	5.8
2010 138.0 to 2010 238.0	6.22 ± 0.48	-142.0 ± 4.4	0.78	12.7
2010 172.0 to 2010 272.0	5.77 ± 0.14	-149.7 ± 1.4	0.36	5.9
2010 206.0 to 2010 306.0	6.48 ± 0.15	-148.2 ± 1.3	0.37	6.0
2010 240.0 to 2010 340.0	6.48 ± 0.19	-144.8 ± 1.7	0.60	9.7
2010 274.0 to 2011 9.0	6.45 ± 0.20	-151.9 ± 1.8	0.44	7.2
2010 308.0 to 2011 43.0	5.87 ± 0.18	-153.2 ± 1.8	0.49	8.1
2010 342.0 to 2011 77.0	6.15 ± 0.18	-149.3 ± 1.7	0.03	0.5
2011 11.0 to 2011 111.0	6.30 ± 0.18	-146.6 ± 1.6	0.33	5.4
2011 45.0 to 2011 145.0	5.95 ± 0.14	-150.3 ± 1.3	0.21	3.5
2011 79.0 to 2011 179.0	6.08 ± 0.18	-145.1 ± 1.7	0.44	7.1
2011 113.0 to 2011 213.0	6.03 ± 0.17	-145.8 ± 1.6	0.37	6.0
2011 147.0 to 2011 247.0	5.86 ± 0.13	-149.5 ± 1.3	0.27	4.4
2011 181.0 to 2011 281.0	6.22 ± 0.12	-147.0 ± 1.1	0.25	4.1
2011 216.0 to 2011 316.0	6.29 ± 0.12	-151.5 ± 1.1	0.30	4.9
2011 250.0 to 2011 350.0	6.68 ± 0.17	-153.1 ± 1.5	0.71	11.6
2011 284.0 to 2012 19.0	6.39 ± 0.18	-145.1 ± 1.6	0.52	8.4
2011 340.0 to 2012 75.0	5.94 ± 0.18	-157.7 ± 1.7	0.92	15.0
2012 9.0 to 2012 109.0	5.72 ± 0.24	-155.6 ± 2.4	0.78	12.7
2012 43.0 to 2012 143.0	6.29 ± 0.27	-151.7 ± 2.5	0.32	5.2
2012 77.0 to 2012 177.0	6.30 ± 0.25	-154.6 ± 2.3	0.61	10.0
2012 118.0 to 2012 218.0	5.49 ± 0.21	-140.7 ± 2.2	1.07	17.4
2012 159.0 to 2012 259.0	5.16 ± 0.26	-138.4 ± 2.9	1.43	23.3
2012 200.0 to 2012 300.0	7.02 ± 0.25	-158.0 ± 2.0	1.35	22.0
2012 241.0 to 2012 341.0	6.61 ± 0.18	-134.0 ± 1.6	1.75	28.5
2012 282.0 to 2013 16.0	6.56 ± 0.17	-146.7 ± 1.5	0.51	8.4
2012 323.0 to 2013 57.0	5.93 ± 0.16	-148.5 ± 1.5	0.21	3.4
2012 364.0 to 2013 98.0	6.12 ± 0.17	-149.6 ± 1.6	0.05	0.8
2013 39.0 to 2013 139.0	5.54 ± 0.17	-139.9 ± 1.8	1.11	18.1