B201CH3 Comparison between current analysis and prior analysis

Pressure comparison			
time interval	Pressure Coef. counts/counts	Difference counts/counts	Percent change
2008 211.0 to 2008 311.0	-3.57852 ± 0.04458	0.12086	-3.3
2008 233.0 to 2008 333.0	-3.33360 ± 0.09662	0.36578	-9.9
2008 255.0 to 2008 355.0	-3.38583 ± 0.09317	0.31355	-8.5
2008 277.0 to 2009 11.0	-3.45080 ± 0.06617	0.24858	-6.7
2008 299.0 to 2009 33.0	-3.42064 ± 0.09343	0.27874	-7.5
2008 321.0 to 2009 55.0	-3.43493 ± 0.06472	0.26445	-7.1
2008 343.0 to 2009 77.0	-3.48708 ± 0.07009	0.21230	-5.7
2008 365.0 to 2009 99.0	-3.51593 ± 0.07880	0.18345	-5.0
2009 19.0 to 2009 119.0	-3.49452 ± 0.07470	0.20486	-5.5
2009 43.0 to 2009 143.0	-3.56786 ± 0.07836	0.13152	-3.6
2009 67.0 to 2009 167.0	-3.54435 ± 0.08733	0.15503	-4.2
2009 91.0 to 2009 191.0	-3.58788 ± 0.08824	0.11150	-3.0
2009 115.0 to 2009 215.0	-3.70274 ± 0.05668	-0.00336	0.1
2009 139.0 to 2009 239.0	-3.76411 ± 0.06332	-0.06473	1.7
2009 167.0 to 2009 267.0	-3.76151 ± 0.05609	-0.06213	1.7
2009 191.0 to 2009 291.0	-3.82973 ± 0.04113	-0.13035	3.5
2009 216.0 to 2009 316.0	-3.74147 ± 0.04585	-0.04209	1.1
2009 240.0 to 2009 340.0	-3.69933 ± 0.06291	0.00005	-0.0
2009 264.0 to 2009 364.0	-3.68614 ± 0.07191	0.01324	-0.4
2009 298.0 to 2010 33.0	-3.74687 ± 0.06850	-0.04749	1.3
2009 332.0 to 2010 67.0	-3.83889 ± 0.05171	-0.13951	3.8
2010 1.0 to 2010 101.0	-3.84430 ± 0.04294	-0.14492	3.9
2010 35.0 to 2010 135.0	-3.80822 ± 0.05304	-0.10884	2.9
2010 69.0 to 2010 169.0	-3.77496 ± 0.05619	-0.07558	2.0
2010 103.0 to 2010 203.0	-3.75557 ± 0.06946	-0.05619	1.5
2010 137.0 to 2010 237.0	-3.71231 ± 0.07558	-0.01293	0.3
2010 171.0 to 2010 271.0	-3.68826 ± 0.06647	0.01112	-0.3
2010 205.0 to 2010 305.0	-3.82840 ± 0.05433	-0.12902	3.5
2010 239.0 to 2010 339.0	-3.74090 ± 0.06497	-0.04152	1.1
2010 273.0 to 2011 8.0	-3.77851 ± 0.06939	-0.07913	2.1
2010 307.0 to 2011 42.0	-3.69938 ± 0.07903	0.00000	-0.0
2010 341.0 to 2011 76.0	-3.78383 ± 0.08044	-0.08445	2.3
2011 10.0 to 2011 110.0	-3.82662 ± 0.08902	-0.12724	3.4
2011 44.0 to 2011 144.0	-3.90372 ± 0.08161	-0.20434	5.5
2011 78.0 to 2011 178.0	-3.83178 ± 0.08626	-0.13240	3.6
2011 112.0 to 2011 212.0	-3.64566 ± 0.07119	0.05372	-1.5
2011 146.0 to 2011 246.0	-3.67503 ± 0.04648	0.02435	-0.7
2011 180.0 to 2011 280.0	-3.73617 ± 0.04301	-0.03679	1.0
2011 288.0 to 2011 316.0	-3.69700 ± 0.06342	0.00238	-0.1
2011 250.0 to 2011 350.0	-3.66467 ± 0.07146	0.03471	-0.9
2011 284.0 to 2012 19.0	-3.59023 ± 0.07251	0.10915	-3.0

Tidal comparson **M2**				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2008 211.0 to 2008 311.0	7.43 ± 0.03	124.4 ± 0.2	0.66	8.8
2008 233.0 to 2008 333.0	7.39 ± 0.08	124.8 ± 0.6	0.61	8.2
2008 255.0 to 2008 355.0	7.43 ± 0.08	124.9 ± 0.6	0.60	8.0
2008 277.0 to 2009 11.0	7.42 ± 0.08	125.1 ± 0.6	0.57	7.6
2008 299.0 to 2009 33.0	7.43 ± 0.11	125.1 ± 0.8	0.57	7.6
2008 321.0 to 2009 55.0	7.46 ± 0.07	124.2 ± 0.5	0.69	9.2
2008 343.0 to 2009 77.0	7.41 ± 0.08	123.1 ± 0.6	0.83	11.1
2008 365.0 to 2009 99.0	7.39 ± 0.09	122.4 ± 0.7	0.92	12.3
2009 19.0 to 2009 119.0	7.35 ± 0.07	122.1 ± 0.5	0.96	12.9
2009 43.0 to 2009 143.0	7.33 ± 0.08	122.9 ± 0.6	0.86	11.5
2009 67.0 to 2009 167.0	7.30 ± 0.07	125.0 ± 0.5	0.61	8.1
2009 91.0 to 2009 191.0	7.27 ± 0.06	126.8 ± 0.5	0.41	5.4
2009 115.0 to 2009 215.0	7.29 ± 0.04	128.8 ± 0.3	0.21	2.8
2009 139.0 to 2009 239.0	7.34 ± 0.03	130.4 ± 0.2	0.19	2.5
2009 167.0 to 2009 267.0	7.39 ± 0.03	130.5 ± 0.2	0.16	2.2
2009 191.0 to 2009 291.0	7.44 ± 0.02	130.6 ± 0.2	0.15	2.1
2009 216.0 to 2009 316.0	7.46 ± 0.03	130.4 ± 0.2	0.12	1.7
2009 240.0 to 2009 340.0	7.45 ± 0.06	130.2 ± 0.5	0.10	1.4
2009 264.0 to 2009 364.0	7.47 ± 0.07	130.1 ± 0.5	0.08	1.1
2009 298.0 to 2010 33.0	7.47 ± 0.07	130.0 ± 0.5	0.07	0.9
2009 332.0 to 2010 67.0	7.49 ± 0.05	130.2 ± 0.4	0.10	1.3
2010 1.0 to 2010 101.0	7.45 ± 0.04	130.2 ± 0.3	0.10	1.4
2010 35.0 to 2010 135.0	7.45 ± 0.05	129.5 ± 0.4	0.04	0.5
2010 69.0 to 2010 169.0	7.43 ± 0.05	129.3 ± 0.4	0.06	0.8
2010 103.0 to 2010 203.0	7.44 ± 0.05	129.5 ± 0.4	0.05	0.6
2010 137.0 to 2010 237.0	7.45 ± 0.04	130.1 ± 0.3	0.09	1.2
2010 171.0 to 2010 271.0	7.47 ± 0.03	130.1 ± 0.2	0.08	1.1
2010 205.0 to 2010 305.0	7.51 ± 0.03	129.9 ± 0.2	0.06	0.8
2010 239.0 to 2010 339.0	7.51 ± 0.05	129.7 ± 0.4	0.04	0.5
2010 273.0 to 2011 8.0	7.48 ± 0.07	129.9 ± 0.5	0.06	0.8
2010 307.0 to 2011 42.0	7.47 ± 0.08	130.1 ± 0.6	0.08	1.1
2010 341.0 to 2011 76.0	7.44 ± 0.09	130.4 ± 0.7	0.13	1.7
2011 10.0 to 2011 110.0	7.51 ± 0.09	129.7 ± 0.7	0.04	0.5
2011 44.0 to 2011 144.0	7.54 ± 0.08	129.0 ± 0.6	0.08	1.1
2011 78.0 to 2011 178.0	7.59 ± 0.06	127.7 ± 0.5	0.26	3.4
2011 112.0 to 2011 212.0	7.60 ± 0.04	128.0 ± 0.3	0.22	3.0
2011 146.0 to 2011 246.0	7.64 ± 0.02	128.6 ± 0.1	0.19	2.6
2011 180.0 to 2011 280.0	7.65 ± 0.02	129.5 ± 0.1	0.17	2.2
2011 288.0 to 2011 316.0	7.56 ± 0.05	129.0 ± 0.4	0.10	1.3
2011 250.0 to 2011 350.0	7.68 ± 0.06	129.3 ± 0.4	0.20	2.6
2011 284.0 to 2012 19.0	7.70 ± 0.07	129.0 ± 0.5	0.22	3.0

Tidal comparson **O1**				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2008 211.0 to 2008 311.0	7.16 ± 0.07	-80.9 ± 0.6	0.80	11.5
2008 233.0 to 2008 333.0	7.10 ± 0.18	-79.9 ± 1.5	0.66	9.5
2008 255.0 to 2008 355.0	7.07 ± 0.19	-80.4 ± 1.5	0.71	10.3
2008 277.0 to 2009 11.0	7.29 ± 0.17	-79.8 ± 1.3	0.73	10.6
2008 299.0 to 2009 33.0	7.37 ± 0.24	-80.7 ± 1.9	0.87	12.6
2008 321.0 to 2009 55.0	7.35 ± 0.17	-81.5 ± 1.3	0.95	13.7
2008 343.0 to 2009 77.0	7.38 ± 0.19	-80.7 ± 1.5	0.88	12.7
2008 365.0 to 2009 99.0	7.36 ± 0.19	-81.0 ± 1.5	0.90	13.0
2009 19.0 to 2009 119.0	7.35 ± 0.16	-79.6 ± 1.2	0.74	10.8
2009 43.0 to 2009 143.0	7.34 ± 0.17	-79.6 ± 1.3	0.74	10.7
2009 67.0 to 2009 167.0	7.30 ± 0.17	-78.7 ± 1.3	0.62	9.0
2009 91.0 to 2009 191.0	7.26 ± 0.14	-77.2 ± 1.1	0.46	6.6
2009 115.0 to 2009 215.0	7.14 ± 0.08	-77.1 ± 0.6	0.37	5.3
2009 139.0 to 2009 239.0	7.15 ± 0.06	-76.3 ± 0.5	0.30	4.4
2009 167.0 to 2009 267.0	7.12 ± 0.06	-75.8 ± 0.5	0.24	3.5
2009 191.0 to 2009 291.0	7.14 ± 0.05	-75.2 ± 0.4	0.23	3.3
2009 216.0 to 2009 316.0	7.14 ± 0.08	-74.0 ± 0.6	0.24	3.4
2009 240.0 to 2009 340.0	7.16 ± 0.13	-74.0 ± 1.0	0.26	3.7
2009 264.0 to 2009 364.0	7.07 ± 0.16	-74.9 ± 1.3	0.15	2.2
2009 298.0 to 2010 33.0	6.95 ± 0.16	-76.5 ± 1.3	0.22	3.1
2009 332.0 to 2010 67.0	6.72 ± 0.11	-77.1 ± 0.9	0.35	5.0
2010 1.0 to 2010 101.0	6.78 ± 0.10	-77.5 ± 0.8	0.36	5.2
2010 35.0 to 2010 135.0	6.80 ± 0.12	-77.1 ± 1.0	0.31	4.5
2010 69.0 to 2010 169.0	6.92 ± 0.12	-74.7 ± 1.0	0.00	0.0
2010 103.0 to 2010 203.0	6.92 ± 0.11	-73.7 ± 0.9	0.12	1.8
2010 137.0 to 2010 237.0	6.85 ± 0.10	-73.7 ± 0.8	0.14	2.0
2010 171.0 to 2010 271.0	6.60 ± 0.07	-73.5 ± 0.6	0.35	5.1
2010 205.0 to 2010 305.0	6.57 ± 0.07	-73.6 ± 0.6	0.37	5.4
2010 239.0 to 2010 339.0	6.56 ± 0.12	-73.8 ± 1.0	0.38	5.4
2010 273.0 to 2011 8.0	6.66 ± 0.16	-72.9 ± 1.4	0.34	4.9
2010 307.0 to 2011 42.0	6.59 ± 0.19	-72.3 ± 1.7	0.44	6.3
2010 341.0 to 2011 76.0	6.63 ± 0.19	-73.4 ± 1.6	0.33	4.7
2011 10.0 to 2011 110.0	6.55 ± 0.20	-73.8 ± 1.7	0.38	5.6
2011 44.0 to 2011 144.0	6.50 ± 0.18	-74.2 ± 1.6	0.42	6.1
2011 78.0 to 2011 178.0	6.45 ± 0.14	-72.9 ± 1.2	0.52	7.4
2011 112.0 to 2011 212.0	6.41 ± 0.09	-72.9 ± 0.8	0.55	8.0
2011 146.0 to 2011 246.0	6.31 ± 0.04	-71.9 ± 0.4	0.69	10.0
2011 180.0 to 2011 280.0	6.22 ± 0.05	-71.2 ± 0.5	0.81	11.7
2011 288.0 to 2011 316.0	6.04 ± 0.12	-66.9 ± 1.1	1.25	18.0
2011 250.0 to 2011 350.0	6.07 ± 0.13	-70.0 ± 1.2	1.00	14.5
2011 284.0 to 2012 19.0	6.06 ± 0.16	-69.4 ± 1.5	1.05	15.2

Tidal comparson **K1**				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2008 211.0 to 2008 311.0	10.23 ± 0.29	55.9 ± 1.6	1.78	21.0
2008 233.0 to 2008 333.0	8.99 ± 0.72	55.9 ± 4.6	0.54	6.3
2008 255.0 to 2008 355.0	10.23 ± 0.77	57.5 ± 4.3	1.79	21.2
2008 277.0 to 2009 11.0	9.31 ± 0.70	65.0 ± 4.3	1.62	19.2
2008 299.0 to 2009 33.0	8.44 ± 1.00	47.3 ± 6.8	1.29	15.3
2008 321.0 to 2009 55.0	8.58 ± 0.67	63.8 ± 4.5	1.15	13.6
2008 343.0 to 2009 77.0	7.92 ± 0.76	62.1 ± 5.5	1.01	12.0
2008 365.0 to 2009 99.0	8.28 ± 0.79	47.5 ± 5.5	1.26	15.0
2009 19.0 to 2009 119.0	7.27 ± 0.64	40.9 ± 5.0	2.39	28.2
2009 43.0 to 2009 143.0	7.78 ± 0.70	61.8 ± 5.2	1.05	12.5
2009 67.0 to 2009 167.0	6.51 ± 0.67	54.7 ± 5.9	1.95	23.1
2009 91.0 to 2009 191.0	9.50 ± 0.56	47.6 ± 3.4	1.69	20.0
2009 115.0 to 2009 215.0	7.23 ± 0.33	56.5 ± 2.6	1.23	14.5
2009 139.0 to 2009 239.0	8.96 ± 0.24	55.2 ± 1.5	0.52	6.2
2009 167.0 to 2009 267.0	9.35 ± 0.25	58.4 ± 1.5	0.97	11.4
2009 191.0 to 2009 291.0	9.03 ± 0.22	55.4 ± 1.4	0.59	6.9
2009 216.0 to 2009 316.0	9.24 ± 0.30	59.3 ± 1.9	0.93	11.0
2009 240.0 to 2009 340.0	8.57 ± 0.55	64.6 ± 3.7	1.27	15.0
2009 264.0 to 2009 364.0	8.61 ± 0.65	62.0 ± 4.3	0.89	10.6
2009 298.0 to 2010 33.0	8.72 ± 0.67	61.6 ± 4.4	0.87	10.3
2009 332.0 to 2010 67.0	8.46 ± 0.44	58.4 ± 3.0	0.34	4.0
2010 1.0 to 2010 101.0	7.30 ± 0.41	61.1 ± 3.2	1.34	15.9
2010 35.0 to 2010 135.0	8.38 ± 0.47	53.6 ± 3.2	0.37	4.4
2010 69.0 to 2010 169.0	7.88 ± 0.49	55.2 ± 3.6	0.59	6.9
2010 103.0 to 2010 203.0	8.34 ± 0.44	55.7 ± 3.0	0.13	1.5
2010 137.0 to 2010 237.0	8.71 ± 0.39	53.0 ± 2.6	0.53	6.2
2010 171.0 to 2010 271.0	8.83 ± 0.27	54.4 ± 1.8	0.45	5.4
2010 205.0 to 2010 305.0	9.13 ± 0.29	56.5 ± 1.8	0.68	8.0
2010 239.0 to 2010 339.0	8.61 ± 0.48	59.4 ± 3.2	0.52	6.1
2010 273.0 to 2011 8.0	8.42 ± 0.65	58.7 ± 4.4	0.39	4.6
2010 307.0 to 2011 42.0	8.42 ± 0.76	52.7 ± 5.2	0.50	5.9
2010 341.0 to 2011 76.0	7.49 ± 0.79	60.0 ± 6.0	1.11	13.1
2011 10.0 to 2011 110.0	8.57 ± 0.80	53.0 ± 5.3	0.47	5.6
2011 44.0 to 2011 144.0	7.59 ± 0.72	52.7 ± 5.4	0.98	11.6
2011 78.0 to 2011 178.0	8.57 ± 0.59	52.1 ± 3.9	0.60	7.1
2011 112.0 to 2011 212.0	7.74 ± 0.39	53.0 ± 2.9	0.84	9.9
2011 146.0 to 2011 246.0	8.49 ± 0.17	55.7 ± 1.1	0.07	0.8
2011 180.0 to 2011 280.0	9.13 ± 0.18	54.6 ± 1.1	0.71	8.4
2011 288.0 to 2011 316.0	8.90 ± 0.11	46.3 ± 0.7	1.54	18.3
2011 250.0 to 2011 350.0	8.23 ± 0.54	64.3 ± 3.8	1.22	14.4
2011 284.0 to 2012 19.0	8.23 ± 0.66	61.5 ± 4.6	0.82	9.7

Tidal comparson **S2**				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2008 211.0 to 2008 311.0	4.02 ± 0.14	-85.9 ± 2.0	0.37	9.6
2008 233.0 to 2008 333.0	4.16 ± 0.30	-81.3 ± 4.1	0.25	6.5
2008 255.0 to 2008 355.0	3.85 ± 0.32	-86.0 ± 4.8	0.36	9.2
2008 277.0 to 2009 11.0	3.90 ± 0.29	-87.2 ± 4.3	0.44	11.3
2008 299.0 to 2009 33.0	3.63 ± 0.42	-91.7 ± 6.6	0.77	19.7
2008 321.0 to 2009 55.0	3.63 ± 0.28	-89.7 ± 4.4	0.65	16.7
2008 343.0 to 2009 77.0	4.40 ± 0.32	-84.0 ± 4.2	0.54	13.9
2008 365.0 to 2009 99.0	3.93 ± 0.33	-84.4 ± 4.8	0.25	6.4
2009 19.0 to 2009 119.0	2.97 ± 0.27	-81.7 ± 5.2	0.94	24.1
2009 43.0 to 2009 143.0	3.75 ± 0.29	-81.4 ± 4.4	0.17	4.2
2009 67.0 to 2009 167.0	3.88 ± 0.28	-81.1 ± 4.1	0.04	1.0
2009 91.0 to 2009 191.0	3.41 ± 0.23	-79.5 ± 3.9	0.51	12.9
2009 115.0 to 2009 215.0	3.69 ± 0.14	-80.8 ± 2.2	0.22	5.6
2009 139.0 to 2009 239.0	4.16 ± 0.10	-76.6 ± 1.4	0.38	9.8
2009 167.0 to 2009 267.0	4.23 ± 0.10	-77.0 ± 1.4	0.42	10.6
2009 191.0 to 2009 291.0	4.06 ± 0.09	-81.2 ± 1.3	0.15	3.9
2009 216.0 to 2009 316.0	3.83 ± 0.13	-79.8 ± 1.9	0.10	2.6
2009 240.0 to 2009 340.0	4.10 ± 0.23	-79.6 ± 3.2	0.21	5.3
2009 264.0 to 2009 364.0	3.88 ± 0.27	-85.8 ± 4.0	0.35	8.8
2009 298.0 to 2010 33.0	4.09 ± 0.28	-78.4 ± 3.9	0.24	6.2
2009 332.0 to 2010 67.0	3.27 ± 0.18	-82.6 ± 3.2	0.65	16.6
2010 1.0 to 2010 101.0	4.05 ± 0.17	-77.7 ± 2.4	0.25	6.5
2010 35.0 to 2010 135.0	3.60 ± 0.20	-76.9 ± 3.2	0.40	10.2
2010 69.0 to 2010 169.0	3.97 ± 0.20	-74.7 ± 2.9	0.42	10.7
2010 103.0 to 2010 203.0	4.11 ± 0.18	-75.3 ± 2.5	0.43	11.0
2010 137.0 to 2010 237.0	3.93 ± 0.17	-77.3 ± 2.5	0.24	6.0
2010 171.0 to 2010 271.0	4.08 ± 0.12	-81.0 ± 1.7	0.17	4.4
2010 205.0 to 2010 305.0	3.83 ± 0.12	-79.3 ± 1.8	0.13	3.2
2010 239.0 to 2010 339.0	4.11 ± 0.20	-79.3 ± 2.8	0.22	5.7
2010 273.0 to 2011 8.0	3.73 ± 0.27	-82.7 ± 4.1	0.22	5.7
2010 307.0 to 2011 42.0	3.63 ± 0.32	-83.0 ± 5.1	0.32	8.1
2010 341.0 to 2011 76.0	3.94 ± 0.33	-74.8 ± 4.8	0.41	10.4
2011 10.0 to 2011 110.0	3.67 ± 0.34	-81.1 ± 5.3	0.24	6.2
2011 44.0 to 2011 144.0	4.45 ± 0.30	-73.9 ± 3.9	0.73	18.8
2011 78.0 to 2011 178.0	3.83 ± 0.25	-75.6 ± 3.7	0.36	9.1
2011 112.0 to 2011 212.0	4.06 ± 0.16	-75.6 ± 2.3	0.39	9.9
2011 146.0 to 2011 246.0	4.03 ± 0.07	-77.5 ± 1.0	0.25	6.5
2011 180.0 to 2011 280.0	4.32 ± 0.08	-79.3 ± 1.1	0.42	10.8
2011 288.0 to 2011 316.0	4.00 ± 0.05	-97.4 ± 0.7	1.15	29.4
2011 250.0 to 2011 350.0	3.88 ± 0.23	-84.0 ± 3.4	0.22	5.7
2011 284.0 to 2012 19.0	3.90 ± 0.28	-78.8 ± 4.1	0.13	3.4