B203CH2 Comparison between current analysis and prior analysis

Pressure comparison			
time interval	Pressure Coef. counts/counts	Difference counts/counts	Percent change
2009 255.0 to 2009 282.0	-4.10882 ± 0.07393	-0.11614	2.9
2009 206.0 to 2009 306.0	-3.99268 ± 0.16882	0.00000	-0.0
2009 230.0 to 2009 330.0	-4.03383 ± 0.12511	-0.04115	1.0
2009 288.0 to 2010 23.0	-3.96480 ± 0.14176	0.02788	-0.7
2009 322.0 to 2010 57.0	-3.94209 ± 0.13953	0.05059	-1.3
2009 356.0 to 2010 91.0	-4.01465 ± 0.11308	-0.02197	0.6
2010 25.0 to 2010 125.0	-4.07651 ± 0.11947	-0.08383	2.1
2010 59.0 to 2010 159.0	-3.88162 ± 0.19010	0.11106	-2.8
2010 99.0 to 2010 199.0	-3.85875 ± 0.32158	0.13393	-3.4
2010 180.0 to 2010 280.0	-4.67556 ± 2.08201	-0.68288	17.1
2010 215.0 to 2010 315.0	-4.84164 ± 1.48732	-0.84896	21.3
2010 249.0 to 2010 349.0	-2.27093 ± 0.83788	1.72175	-43.1
2010 283.0 to 2011 18.0	-2.62413 ± 1.54123	1.36855	-34.3
2010 317.0 to 2011 52.0	-3.91985 ± 1.77225	0.07283	-1.8
2011 54.0 to 2011 153.0	-4.41890 ± 0.83995	-0.42622	10.7
2011 88.0 to 2011 188.0	-5.50794 ± 0.91502	-1.51526	38.0

Tidal comparson **M2**				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2009 255.0 to 2009 282.0	3.01 ± 0.07	-92.8 ± 1.3	0.02	0.7
2009 206.0 to 2009 306.0	3.17 ± 0.12	-88.9 ± 2.2	0.28	9.4
2009 230.0 to 2009 330.0	3.09 ± 0.11	-89.9 ± 2.0	0.19	6.3
2009 288.0 to 2010 23.0	2.89 ± 0.14	-92.1 ± 2.8	0.11	3.6
2009 322.0 to 2010 57.0	2.91 ± 0.13	-94.4 ± 2.6	0.11	3.7
2009 356.0 to 2010 91.0	2.90 ± 0.10	-93.5 ± 2.0	0.10	3.2
2010 25.0 to 2010 125.0	3.10 ± 0.11	-93.9 ± 2.0	0.12	4.1
2010 59.0 to 2010 159.0	2.99 ± 0.18	-92.9 ± 3.4	0.00	0.0
2010 99.0 to 2010 199.0	2.81 ± 0.24	-99.5 ± 4.9	0.38	12.7
2010 180.0 to 2010 280.0	2.94 ± 1.12	-166.1 ± 21.8	3.54	118.3
2010 215.0 to 2010 315.0	3.46 ± 1.21	-131.7 ± 20.0	2.19	73.2
2010 249.0 to 2010 349.0	3.64 ± 0.78	-73.3 ± 12.3	1.30	43.4
2010 283.0 to 2011 18.0	4.08 ± 1.53	-78.7 ± 21.5	1.39	46.5
2010 317.0 to 2011 52.0	4.18 ± 2.18	-49.9 ± 29.9	2.85	95.4
2011 54.0 to 2011 153.0	3.67 ± 0.77	-93.3 ± 12.0	0.68	22.8
2011 88.0 to 2011 188.0	3.02 ± 0.70	-103.2 ± 13.3	0.54	18.1

Tidal comparson **O1**				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2009 255.0 to 2009 282.0	2.05 ± 0.14	-120.8 ± 3.9	0.53	33.1
2009 206.0 to 2009 306.0	1.53 ± 0.30	-137.3 ± 11.2	0.20	12.6
2009 230.0 to 2009 330.0	1.77 ± 0.25	-116.7 ± 8.1	0.44	27.1
2009 288.0 to 2010 23.0	1.69 ± 0.32	-126.5 ± 10.8	0.14	8.7
2009 322.0 to 2010 57.0	1.56 ± 0.31	-135.0 ± 11.4	0.13	8.3
2009 356.0 to 2010 91.0	1.74 ± 0.23	-135.2 ± 7.6	0.18	11.5
2010 25.0 to 2010 125.0	1.78 ± 0.25	-122.4 ± 8.0	0.29	18.2
2010 59.0 to 2010 159.0	2.37 ± 0.41	-116.2 ± 9.9	0.90	55.8
2010 99.0 to 2010 199.0	1.99 ± 0.53	-125.0 ± 15.3	0.41	25.7
2010 180.0 to 2010 280.0	5.60 ± 2.49	-117.1 ± 25.5	4.05	250.8
2010 215.0 to 2010 315.0	4.25 ± 2.60	-164.2 ± 35.1	3.04	188.4
2010 249.0 to 2010 349.0	1.38 ± 1.68	162.9 ± 69.8	1.65	102.5
2010 283.0 to 2011 18.0	2.42 ± 3.55	-139.5 ± 84.0	0.86	53.5
2010 317.0 to 2011 52.0	0.83 ± 4.95	-163.7 ± 341.7	1.02	63.5
2011 54.0 to 2011 153.0	1.16 ± 1.77	79.7 ± 87.4	2.68	166.1
2011 88.0 to 2011 188.0	0.88 ± 1.61	57.2 ± 104.8	2.49	154.2

Tidal comparson **K1**				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2009 255.0 to 2009 282.0	2.66 ± 0.13	16.8 ± 2.8	1.35	35.7
2009 206.0 to 2009 306.0	14.08 ± 2.52	83.2 ± 10.3	12.16	322.7
2009 230.0 to 2009 330.0	3.77 ± 1.04	30.6 ± 15.8	0.00	0.0
2009 288.0 to 2010 23.0	2.94 ± 1.29	53.7 ± 25.1	1.57	41.7
2009 322.0 to 2010 57.0	4.59 ± 1.24	17.0 ± 15.5	1.28	34.0
2009 356.0 to 2010 91.0	2.84 ± 0.95	25.6 ± 19.2	0.97	25.8
2010 25.0 to 2010 125.0	4.52 ± 1.03	15.5 ± 13.1	1.32	35.0
2010 59.0 to 2010 159.0	3.63 ± 1.69	-17.2 ± 26.7	3.00	79.6
2010 99.0 to 2010 199.0	4.03 ± 2.20	70.7 ± 31.3	2.69	71.2
2010 180.0 to 2010 280.0	25.51 ± 10.88	31.4 ± 24.4	21.74	576.7
2010 215.0 to 2010 315.0	18.05 ± 12.09	-146.5 ± 38.4	21.82	578.7
2010 249.0 to 2010 349.0	27.37 ± 9.27	-111.0 ± 19.4	30.41	806.8
2010 283.0 to 2011 18.0	11.44 ± 17.50	37.1 ± 87.6	7.71	204.4
2010 317.0 to 2011 52.0	99.30 ± 103.75	35.3 ± 59.9	95.54	2534.3
2011 54.0 to 2011 153.0	5.44 ± 7.47	-76.0 ± 78.7	7.45	197.7
2011 88.0 to 2011 188.0	21.65 ± 8.57	55.6 ± 22.7	18.30	485.5

Tidal comparson **S2**				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2009 255.0 to 2009 282.0	5.53 ± 0.07	175.5 ± 0.7	1.43	34.8
2009 206.0 to 2009 306.0	4.87 ± 0.84	-155.8 ± 9.9	2.46	59.9
2009 230.0 to 2009 330.0	4.35 ± 0.44	-178.8 ± 5.8	0.59	14.4
2009 288.0 to 2010 23.0	4.28 ± 0.54	-174.9 ± 7.2	0.84	20.4
2009 322.0 to 2010 57.0	3.39 ± 0.51	175.3 ± 8.6	0.72	17.6
2009 356.0 to 2010 91.0	4.80 ± 0.40	173.1 ± 4.8	0.69	16.9
2010 25.0 to 2010 125.0	4.10 ± 0.43	-170.1 ± 6.0	1.15	27.9
2010 59.0 to 2010 159.0	4.06 ± 0.70	-178.5 ± 9.9	0.55	13.3
2010 99.0 to 2010 199.0	4.14 ± 0.93	173.9 ± 12.9	0.03	0.8
2010 180.0 to 2010 280.0	3.71 ± 4.25	72.1 ± 65.6	6.07	147.8
2010 215.0 to 2010 315.0	14.67 ± 4.16	167.1 ± 16.2	10.60	258.1
2010 249.0 to 2010 349.0	9.67 ± 3.78	144.5 ± 22.4	6.41	156.1
2010 283.0 to 2011 18.0	6.30 ± 6.93	94.6 ± 63.0	6.85	166.7
2010 317.0 to 2011 52.0	17.49 ± 27.39	14.1 ± 89.7	21.39	520.8
2011 54.0 to 2011 153.0	4.32 ± 3.08	-151.1 ± 40.8	2.55	62.0
2011 88.0 to 2011 188.0	4.79 ± 3.36	148.5 ± 40.2	2.06	50.2