

**B007CH2 Comparison between current analysis and prior analysis**

<b>Pressure comparison</b>			
time interval	Pressure Coef. counts/counts	Difference counts/counts	Percent change
2008 28.0 to 2008 128.0	-6.21870 ± 0.04057	-0.19278	3.2
2008 45.0 to 2008 145.0	-6.04680 ± 0.05378	-0.02088	0.3
2008 62.0 to 2008 162.0	-5.92738 ± 0.05902	0.09854	-1.6
2008 79.0 to 2008 179.0	-5.80698 ± 0.06470	0.21894	-3.6
2008 96.0 to 2008 196.0	-5.60227 ± 0.07343	0.42365	-7.0
2008 113.0 to 2008 213.0	-5.49999 ± 0.07484	0.52593	-8.7
2008 135.0 to 2008 235.0	-5.77000 ± 0.06287	0.25592	-4.2
2008 157.0 to 2008 257.0	-5.80868 ± 0.06495	0.21724	-3.6
2008 179.0 to 2008 279.0	-5.74038 ± 0.05718	0.28554	-4.7
2008 201.0 to 2008 301.0	-6.05721 ± 0.04715	-0.03129	0.5
2008 223.0 to 2008 323.0	-6.03736 ± 0.04883	-0.01144	0.2
2008 245.0 to 2008 345.0	-6.07379 ± 0.05112	-0.04787	0.8
2008 267.0 to 2009 1.0	-6.17858 ± 0.03782	-0.15266	2.5
2008 289.0 to 2009 23.0	-6.12421 ± 0.05234	-0.09829	1.6
2008 311.0 to 2009 45.0	-6.12404 ± 0.04486	-0.09812	1.6
2008 333.0 to 2009 67.0	-6.11563 ± 0.04459	-0.08971	1.5
2008 355.0 to 2009 89.0	-6.09234 ± 0.04943	-0.06642	1.1
2008 366.0 to 2009 100.0	-6.07385 ± 0.05111	-0.04793	0.8
2009 24.0 to 2009 124.0	-6.08557 ± 0.04057	-0.05965	1.0
2009 48.0 to 2009 148.0	-6.05676 ± 0.04645	-0.03084	0.5
2009 72.0 to 2009 172.0	-5.98603 ± 0.04716	0.03989	-0.7
2009 96.0 to 2009 196.0	-5.77287 ± 0.05527	0.25305	-4.2
2009 120.0 to 2009 220.0	-5.86364 ± 0.05199	0.16228	-2.7
2009 147.0 to 2009 247.0	-5.35027 ± 0.07183	0.67565	-11.2
2009 171.0 to 2009 271.0	-5.74065 ± 0.08857	0.28527	-4.7
2009 195.0 to 2009 295.0	-6.02592 ± 0.06427	0.00000	-0.0

Tidal comparison <b>M2</b>				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2008 28.0 to 2008 128.0	5.74 ± 0.05	71.6 ± 0.5	0.34	6.2
2008 45.0 to 2008 145.0	5.68 ± 0.05	72.0 ± 0.5	0.30	5.6
2008 62.0 to 2008 162.0	5.56 ± 0.05	71.7 ± 0.5	0.19	3.5
2008 79.0 to 2008 179.0	5.42 ± 0.05	71.4 ± 0.5	0.11	1.9
2008 96.0 to 2008 196.0	5.33 ± 0.05	70.6 ± 0.5	0.10	1.9
2008 113.0 to 2008 213.0	5.23 ± 0.05	69.7 ± 0.5	0.20	3.8
2008 135.0 to 2008 235.0	5.17 ± 0.04	69.2 ± 0.4	0.28	5.1
2008 157.0 to 2008 257.0	5.21 ± 0.05	69.2 ± 0.5	0.24	4.4
2008 179.0 to 2008 279.0	5.26 ± 0.04	69.4 ± 0.4	0.19	3.4
2008 201.0 to 2008 301.0	5.31 ± 0.04	69.8 ± 0.4	0.13	2.3
2008 223.0 to 2008 323.0	5.38 ± 0.05	70.5 ± 0.5	0.05	0.9
2008 245.0 to 2008 345.0	5.43 ± 0.05	70.2 ± 0.5	0.01	0.2
2008 267.0 to 2009 1.0	5.44 ± 0.05	70.4 ± 0.5	0.02	0.3
2008 289.0 to 2009 23.0	5.41 ± 0.08	70.3 ± 0.8	0.02	0.3
2008 311.0 to 2009 45.0	5.44 ± 0.07	69.5 ± 0.7	0.08	1.4
2008 333.0 to 2009 67.0	5.46 ± 0.06	69.6 ± 0.6	0.07	1.3
2008 355.0 to 2009 89.0	5.56 ± 0.07	70.5 ± 0.7	0.13	2.5
2008 366.0 to 2009 100.0	5.58 ± 0.06	70.7 ± 0.6	0.16	2.9
2009 24.0 to 2009 124.0	5.68 ± 0.05	71.2 ± 0.5	0.27	4.9
2009 48.0 to 2009 148.0	5.61 ± 0.05	72.3 ± 0.5	0.27	4.9
2009 72.0 to 2009 172.0	5.52 ± 0.04	71.7 ± 0.4	0.16	3.0
2009 96.0 to 2009 196.0	5.35 ± 0.04	70.7 ± 0.4	0.09	1.6
2009 120.0 to 2009 220.0	5.27 ± 0.04	70.0 ± 0.4	0.16	2.9
2009 147.0 to 2009 247.0	5.33 ± 0.04	69.6 ± 0.4	0.12	2.1
2009 171.0 to 2009 271.0	5.42 ± 0.06	69.5 ± 0.6	0.07	1.4
2009 195.0 to 2009 295.0	5.49 ± 0.05	69.3 ± 0.5	0.11	2.1

Tidal comparison <b>O1</b>				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2008 28.0 to 2008 128.0	2.12 ± 0.10	-31.3 ± 2.7	0.18	8.1
2008 45.0 to 2008 145.0	2.09 ± 0.11	-29.6 ± 3.0	0.18	7.8
2008 62.0 to 2008 162.0	2.08 ± 0.11	-27.1 ± 3.0	0.18	7.9
2008 79.0 to 2008 179.0	2.22 ± 0.12	-28.3 ± 3.1	0.04	1.6
2008 96.0 to 2008 196.0	2.26 ± 0.11	-25.9 ± 2.8	0.08	3.7
2008 113.0 to 2008 213.0	2.36 ± 0.11	-26.1 ± 2.7	0.13	5.8
2008 135.0 to 2008 235.0	2.48 ± 0.09	-25.8 ± 2.1	0.24	10.8
2008 157.0 to 2008 257.0	2.43 ± 0.09	-27.4 ± 2.1	0.18	7.9
2008 179.0 to 2008 279.0	2.33 ± 0.08	-29.7 ± 2.0	0.10	4.5
2008 201.0 to 2008 301.0	2.13 ± 0.08	-29.4 ± 2.2	0.14	6.0
2008 223.0 to 2008 323.0	2.10 ± 0.10	-30.3 ± 2.7	0.18	7.9
2008 245.0 to 2008 345.0	2.23 ± 0.11	-29.7 ± 2.8	0.07	3.1
2008 267.0 to 2009 1.0	2.28 ± 0.11	-29.2 ± 2.8	0.05	2.3
2008 289.0 to 2009 23.0	2.36 ± 0.17	-30.5 ± 4.1	0.14	6.4
2008 311.0 to 2009 45.0	2.41 ± 0.15	-34.1 ± 3.6	0.29	12.9
2008 333.0 to 2009 67.0	2.30 ± 0.14	-34.4 ± 3.5	0.26	11.4
2008 355.0 to 2009 89.0	2.29 ± 0.15	-34.2 ± 3.8	0.25	11.0
2008 366.0 to 2009 100.0	2.26 ± 0.14	-33.3 ± 3.5	0.21	9.2
2009 24.0 to 2009 124.0	2.21 ± 0.10	-28.6 ± 2.6	0.05	2.2
2009 48.0 to 2009 148.0	2.10 ± 0.11	-27.9 ± 3.0	0.15	6.9
2009 72.0 to 2009 172.0	2.17 ± 0.10	-24.5 ± 2.6	0.16	7.1
2009 96.0 to 2009 196.0	2.20 ± 0.10	-24.0 ± 2.6	0.17	7.4
2009 120.0 to 2009 220.0	2.34 ± 0.09	-26.6 ± 2.2	0.10	4.6
2009 147.0 to 2009 247.0	2.39 ± 0.09	-26.3 ± 2.2	0.15	6.8
2009 171.0 to 2009 271.0	2.42 ± 0.14	-30.4 ± 3.3	0.19	8.5
2009 195.0 to 2009 295.0	2.37 ± 0.11	-32.8 ± 2.7	0.22	10.0

Tidal comparison <b>K1</b>				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2008 28.0 to 2008 128.0	2.76 ± 0.43	149.8 ± 8.9	1.76	46.1
2008 45.0 to 2008 145.0	3.82 ± 0.43	155.0 ± 6.4	1.99	52.1
2008 62.0 to 2008 162.0	4.20 ± 0.46	145.9 ± 6.3	1.52	39.7
2008 79.0 to 2008 179.0	3.41 ± 0.47	113.0 ± 7.9	0.85	22.2
2008 96.0 to 2008 196.0	3.40 ± 0.47	108.5 ± 7.9	1.10	28.9
2008 113.0 to 2008 213.0	3.01 ± 0.45	136.4 ± 8.6	1.06	27.8
2008 135.0 to 2008 235.0	3.42 ± 0.38	128.6 ± 6.4	0.47	12.3
2008 157.0 to 2008 257.0	4.89 ± 0.39	115.5 ± 4.6	1.28	33.4
2008 179.0 to 2008 279.0	4.62 ± 0.34	119.5 ± 4.2	0.89	23.2
2008 201.0 to 2008 301.0	4.62 ± 0.34	111.3 ± 4.2	1.27	33.2
2008 223.0 to 2008 323.0	5.75 ± 0.39	123.5 ± 3.9	1.93	50.5
2008 245.0 to 2008 345.0	5.07 ± 0.46	124.5 ± 5.2	1.25	32.7
2008 267.0 to 2009 1.0	5.33 ± 0.47	123.4 ± 5.1	1.51	39.6
2008 289.0 to 2009 23.0	5.63 ± 0.69	124.9 ± 7.0	1.81	47.3
2008 311.0 to 2009 45.0	3.82 ± 0.60	144.2 ± 9.0	1.29	33.7
2008 333.0 to 2009 67.0	5.35 ± 0.58	135.3 ± 6.2	1.74	45.5
2008 355.0 to 2009 89.0	3.65 ± 0.62	137.4 ± 9.7	0.84	22.0
2008 366.0 to 2009 100.0	2.56 ± 0.58	128.3 ± 13.0	1.28	33.4
2009 24.0 to 2009 124.0	2.90 ± 0.40	140.7 ± 7.9	1.30	34.1
2009 48.0 to 2009 148.0	4.05 ± 0.45	146.0 ± 6.4	1.47	38.4
2009 72.0 to 2009 172.0	2.30 ± 0.41	131.6 ± 10.2	1.56	40.9
2009 96.0 to 2009 196.0	2.22 ± 0.40	134.1 ± 10.3	1.67	43.7
2009 120.0 to 2009 220.0	3.84 ± 0.36	122.4 ± 5.4	0.16	4.2
2009 147.0 to 2009 247.0	4.70 ± 0.35	109.3 ± 4.3	1.44	37.7
2009 171.0 to 2009 271.0	3.64 ± 0.56	124.6 ± 8.8	0.18	4.8
2009 195.0 to 2009 295.0	5.32 ± 0.54	102.3 ± 5.8	2.31	60.4

Tidal comparison <b>S2</b>				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2008 28.0 to 2008 128.0	3.44 ± 0.20	-9.0 ± 3.3	0.46	11.7
2008 45.0 to 2008 145.0	3.91 ± 0.19	-7.3 ± 2.8	0.05	1.3
2008 62.0 to 2008 162.0	4.39 ± 0.20	-7.6 ± 2.6	0.50	12.8
2008 79.0 to 2008 179.0	4.40 ± 0.20	-12.1 ± 2.6	0.59	15.2
2008 96.0 to 2008 196.0	4.02 ± 0.20	-7.1 ± 2.9	0.14	3.7
2008 113.0 to 2008 213.0	3.75 ± 0.19	-1.8 ± 2.9	0.43	11.2
2008 135.0 to 2008 235.0	3.83 ± 0.17	-8.1 ± 2.5	0.06	1.6
2008 157.0 to 2008 257.0	3.95 ± 0.18	-14.2 ± 2.6	0.43	11.1
2008 179.0 to 2008 279.0	4.18 ± 0.16	-10.0 ± 2.2	0.32	8.3
2008 201.0 to 2008 301.0	3.77 ± 0.16	-10.9 ± 2.4	0.23	5.9
2008 223.0 to 2008 323.0	4.06 ± 0.18	-9.1 ± 2.5	0.19	4.8
2008 245.0 to 2008 345.0	3.86 ± 0.21	-9.2 ± 3.1	0.09	2.3
2008 267.0 to 2009 1.0	3.88 ± 0.21	-4.3 ± 3.1	0.25	6.4
2008 289.0 to 2009 23.0	3.81 ± 0.30	-5.7 ± 4.5	0.17	4.4
2008 311.0 to 2009 45.0	3.71 ± 0.27	-16.3 ± 4.2	0.58	14.9
2008 333.0 to 2009 67.0	3.45 ± 0.26	-11.0 ± 4.3	0.48	12.4
2008 355.0 to 2009 89.0	4.34 ± 0.27	-8.5 ± 3.6	0.45	11.6
2008 366.0 to 2009 100.0	3.86 ± 0.25	-3.4 ± 3.7	0.31	8.0
2009 24.0 to 2009 124.0	3.16 ± 0.18	-7.8 ± 3.3	0.73	18.8
2009 48.0 to 2009 148.0	4.39 ± 0.19	-5.9 ± 2.5	0.52	13.4
2009 72.0 to 2009 172.0	4.36 ± 0.17	-11.9 ± 2.2	0.55	14.1
2009 96.0 to 2009 196.0	3.32 ± 0.17	-0.8 ± 2.9	0.73	18.7
2009 120.0 to 2009 220.0	3.51 ± 0.15	-3.7 ± 2.4	0.47	12.1
2009 147.0 to 2009 247.0	4.10 ± 0.16	-4.3 ± 2.2	0.33	8.5
2009 171.0 to 2009 271.0	4.26 ± 0.25	-13.3 ± 3.4	0.53	13.6
2009 195.0 to 2009 295.0	3.59 ± 0.23	-12.7 ± 3.7	0.43	11.1