

### B065CH3 Comparison between current analysis and prior analysis

Pressure comparison			
time interval	Pressure Coef. counts/counts	Difference counts/counts	Percent change
2009 60.0 to 2009 160.0	-2.56272 ± 0.06050	-0.90029	54.2
2009 62.0 to 2009 162.0	-2.50631 ± 0.06038	-0.84388	50.8
2009 86.0 to 2009 186.0	-2.12861 ± 0.06802	-0.46618	28.0
2009 110.0 to 2009 210.0	-1.66243 ± 0.07982	0.00000	-0.0
2009 134.0 to 2009 234.0	-1.29769 ± 0.08619	0.36474	-21.9
2009 158.0 to 2009 258.0	-1.42637 ± 0.10308	0.23606	-14.2
2009 182.0 to 2009 282.0	-1.53197 ± 0.10598	0.13046	-7.8
2009 206.0 to 2009 306.0	-2.27467 ± 0.09370	-0.61224	36.8

Tidal comparison M2				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2009 60.0 to 2009 160.0	2.65 ± 0.03	-25.2 ± 0.6	0.02	0.6
2009 62.0 to 2009 162.0	2.65 ± 0.03	-25.4 ± 0.6	0.01	0.4
2009 86.0 to 2009 186.0	2.66 ± 0.03	-25.6 ± 0.6	0.02	0.8
2009 110.0 to 2009 210.0	2.64 ± 0.04	-25.5 ± 0.9	0.00	0.0
2009 134.0 to 2009 234.0	2.64 ± 0.04	-26.0 ± 0.9	0.02	0.9
2009 158.0 to 2009 258.0	2.63 ± 0.05	-26.3 ± 1.1	0.04	1.4
2009 182.0 to 2009 282.0	2.61 ± 0.05	-25.7 ± 1.1	0.03	1.2
2009 206.0 to 2009 306.0	2.61 ± 0.05	-25.7 ± 1.1	0.03	1.2

Tidal comparison O1				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2009 60.0 to 2009 160.0	3.03 ± 0.08	8.7 ± 1.5	0.07	2.4
2009 62.0 to 2009 162.0	3.03 ± 0.07	7.6 ± 1.3	0.08	2.7
2009 86.0 to 2009 186.0	3.00 ± 0.08	8.1 ± 1.5	0.04	1.4
2009 110.0 to 2009 210.0	2.83 ± 0.09	7.4 ± 1.8	0.14	4.7
2009 134.0 to 2009 234.0	2.82 ± 0.09	8.9 ± 1.8	0.14	4.9
2009 158.0 to 2009 258.0	2.85 ± 0.11	8.7 ± 2.2	0.11	3.8
2009 182.0 to 2009 282.0	2.84 ± 0.12	9.6 ± 2.4	0.14	4.6
2009 206.0 to 2009 306.0	2.95 ± 0.11	6.7 ± 2.1	0.09	2.9

Tidal comparison <b>K1</b>				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2009 60.0 to 2009 160.0	$2.92 \pm 0.31$	$-155.3 \pm 6.1$	1.34	67.9
2009 62.0 to 2009 162.0	$3.38 \pm 0.30$	$-157.8 \pm 5.1$	1.68	84.9
2009 86.0 to 2009 186.0	$2.32 \pm 0.32$	$-168.1 \pm 7.9$	0.51	25.8
2009 110.0 to 2009 210.0	$1.22 \pm 0.36$	$-177.0 \pm 16.9$	0.75	38.2
2009 134.0 to 2009 234.0	$2.07 \pm 0.36$	$-162.4 \pm 10.0$	0.56	28.5
2009 158.0 to 2009 258.0	$1.82 \pm 0.45$	$130.8 \pm 14.2$	1.64	83.1
2009 182.0 to 2009 282.0	$1.30 \pm 0.47$	$146.4 \pm 20.7$	1.19	60.1
2009 206.0 to 2009 306.0	$3.06 \pm 0.46$	$133.7 \pm 8.6$	2.28	115.5

Tidal comparison <b>S2</b>				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2009 60.0 to 2009 160.0	$1.52 \pm 0.13$	$75.1 \pm 4.9$	0.49	28.5
2009 62.0 to 2009 162.0	$1.52 \pm 0.12$	$76.3 \pm 4.5$	0.52	30.3
2009 86.0 to 2009 186.0	$1.75 \pm 0.13$	$59.8 \pm 4.3$	0.04	2.1
2009 110.0 to 2009 210.0	$1.96 \pm 0.15$	$61.8 \pm 4.4$	0.25	14.8
2009 134.0 to 2009 234.0	$1.89 \pm 0.15$	$54.7 \pm 4.5$	0.22	12.9
2009 158.0 to 2009 258.0	$1.59 \pm 0.19$	$63.4 \pm 6.8$	0.18	10.3
2009 182.0 to 2009 282.0	$1.66 \pm 0.20$	$48.2 \pm 6.9$	0.33	19.1
2009 206.0 to 2009 306.0	$0.89 \pm 0.19$	$41.4 \pm 12.2$	0.91	53.1