

## B065CH1 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	-1.44270 ± 0.48314	-0.57417	66.1
2009 62.0 to 2009 162.0	-1.31438 ± 0.54052	-0.44585	51.3
2009 86.0 to 2009 186.0	-1.18933 ± 0.35384	-0.32080	36.9
2009 110.0 to 2009 210.0	-0.48683 ± 0.37036	0.38170	-43.9
2009 134.0 to 2009 234.0	-0.34606 ± 0.40894	0.52247	-60.2
2009 158.0 to 2009 258.0	-0.47290 ± 0.44153	0.39563	-45.6
2009 182.0 to 2009 282.0	-0.86853 ± 0.43533	0.00000	-0.0
2009 206.0 to 2009 306.0	-1.51091 ± 0.40840	-0.64238	74.0

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	10.26 ± 0.27	66.7 ± 1.5	0.14	1.3
2009 62.0 to 2009 162.0	10.29 ± 0.28	66.9 ± 1.6	0.16	1.6
2009 86.0 to 2009 186.0	10.10 ± 0.18	67.2 ± 1.0	0.30	2.9
2009 110.0 to 2009 210.0	10.09 ± 0.18	67.3 ± 1.0	0.32	3.1
2009 134.0 to 2009 234.0	10.19 ± 0.19	65.7 ± 1.1	0.13	1.3
2009 158.0 to 2009 258.0	10.32 ± 0.21	65.9 ± 1.2	0.02	0.2
2009 182.0 to 2009 282.0	10.41 ± 0.21	65.7 ± 1.2	0.11	1.1
2009 206.0 to 2009 306.0	10.33 ± 0.21	65.6 ± 1.2	0.08	0.7

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	3.90 ± 0.62	-45.7 ± 9.1	0.89	26.2
2009 62.0 to 2009 162.0	3.90 ± 0.66	-47.6 ± 9.7	0.80	23.3
2009 86.0 to 2009 186.0	4.02 ± 0.41	-57.0 ± 5.8	0.61	17.8
2009 110.0 to 2009 210.0	3.85 ± 0.42	-62.2 ± 6.3	0.53	15.4
2009 134.0 to 2009 234.0	3.35 ± 0.43	-70.3 ± 7.4	0.76	22.2
2009 158.0 to 2009 258.0	3.36 ± 0.48	-66.8 ± 8.2	0.55	16.2
2009 182.0 to 2009 282.0	3.03 ± 0.48	-63.2 ± 9.1	0.50	14.6
2009 206.0 to 2009 306.0	3.35 ± 0.49	-56.8 ± 8.4	0.08	2.2

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	$3.58 \pm 2.52$	$34.8 \pm 40.3$	1.29	29.9
2009 62.0 to 2009 162.0	$4.14 \pm 2.69$	$54.9 \pm 37.2$	0.38	8.8
2009 86.0 to 2009 186.0	$2.95 \pm 1.68$	$50.5 \pm 32.6$	1.36	31.6
2009 110.0 to 2009 210.0	$5.47 \pm 1.70$	$27.8 \pm 17.8$	2.22	51.5
2009 134.0 to 2009 234.0	$2.04 \pm 1.74$	$85.9 \pm 48.9$	2.91	67.4
2009 158.0 to 2009 258.0	$5.64 \pm 1.95$	$47.7 \pm 19.8$	1.35	31.3
2009 182.0 to 2009 282.0	$5.12 \pm 1.93$	$64.2 \pm 21.6$	1.40	32.4
2009 206.0 to 2009 306.0	$4.31 \pm 2.00$	$50.3 \pm 26.6$	0.00	0.0

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	$6.00 \pm 1.05$	$-123.5 \pm 10.0$	0.43	7.7
2009 62.0 to 2009 162.0	$5.70 \pm 1.12$	$-119.8 \pm 11.3$	0.43	7.8
2009 86.0 to 2009 186.0	$5.35 \pm 0.70$	$-132.2 \pm 7.5$	0.81	14.6
2009 110.0 to 2009 210.0	$5.40 \pm 0.71$	$-121.2 \pm 7.5$	0.32	5.7
2009 134.0 to 2009 234.0	$4.16 \pm 0.73$	$-121.6 \pm 10.1$	1.43	25.6
2009 158.0 to 2009 258.0	$5.14 \pm 0.81$	$-136.0 \pm 9.0$	1.20	21.5
2009 182.0 to 2009 282.0	$6.49 \pm 0.81$	$-131.8 \pm 7.2$	1.23	22.1
2009 206.0 to 2009 306.0	$5.83 \pm 0.83$	$-122.3 \pm 8.2$	0.31	5.5