

## B058CH2 Comparison between current analysis and prior analysis

Pressure comparison			
time interval	Pressure Coef. counts/counts	Difference counts/counts	Percent change
2009 59.0 to 2009 159.0	-4.89390 ± 0.03691	-0.09218	1.9
2009 62.0 to 2009 162.0	-4.91238 ± 0.04203	-0.11066	2.3
2009 86.0 to 2009 186.0	-4.80172 ± 0.03716	0.00000	-0.0
2009 110.0 to 2009 210.0	-4.74328 ± 0.03704	0.05844	-1.2
2009 134.0 to 2009 234.0	-4.77829 ± 0.04646	0.02343	-0.5
2009 158.0 to 2009 258.0	-4.79722 ± 0.05003	0.00450	-0.1
2009 182.0 to 2009 282.0	-4.89039 ± 0.05672	-0.08867	1.8
2009 206.0 to 2009 306.0	-5.03317 ± 0.07490	-0.23145	4.8

Tidal comparison M2				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2009 59.0 to 2009 159.0	6.08 ± 0.02	104.7 ± 0.2	0.04	0.7
2009 62.0 to 2009 162.0	6.08 ± 0.02	104.7 ± 0.2	0.04	0.7
2009 86.0 to 2009 186.0	6.05 ± 0.02	104.7 ± 0.2	0.05	0.8
2009 110.0 to 2009 210.0	6.03 ± 0.02	105.2 ± 0.2	0.04	0.7
2009 134.0 to 2009 234.0	6.03 ± 0.02	105.6 ± 0.2	0.07	1.1
2009 158.0 to 2009 258.0	6.06 ± 0.02	105.6 ± 0.2	0.06	0.9
2009 182.0 to 2009 282.0	6.09 ± 0.03	105.7 ± 0.3	0.07	1.1
2009 206.0 to 2009 306.0	6.12 ± 0.04	105.5 ± 0.4	0.06	1.1

Tidal comparison O1				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2009 59.0 to 2009 159.0	2.49 ± 0.05	-98.9 ± 1.2	0.05	2.2
2009 62.0 to 2009 162.0	2.49 ± 0.05	-98.3 ± 1.2	0.08	3.1
2009 86.0 to 2009 186.0	2.39 ± 0.04	-100.3 ± 1.0	0.07	2.9
2009 110.0 to 2009 210.0	2.47 ± 0.04	-101.0 ± 0.9	0.05	1.9
2009 134.0 to 2009 234.0	2.50 ± 0.05	-100.8 ± 1.1	0.05	2.2
2009 158.0 to 2009 258.0	2.45 ± 0.05	-100.0 ± 1.2	0.01	0.4
2009 182.0 to 2009 282.0	2.43 ± 0.06	-99.9 ± 1.4	0.03	1.3
2009 206.0 to 2009 306.0	2.47 ± 0.09	-101.1 ± 2.1	0.05	2.0

Tidal comparison <b>K1</b>				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2009 59.0 to 2009 159.0	$4.04 \pm 0.20$	$20.6 \pm 2.8$	0.87	19.7
2009 62.0 to 2009 162.0	$4.08 \pm 0.21$	$22.1 \pm 2.9$	0.76	17.2
2009 86.0 to 2009 186.0	$3.94 \pm 0.17$	$26.8 \pm 2.5$	0.58	13.1
2009 110.0 to 2009 210.0	$4.39 \pm 0.16$	$31.5 \pm 2.1$	0.04	0.9
2009 134.0 to 2009 234.0	$4.66 \pm 0.19$	$28.1 \pm 2.3$	0.34	7.8
2009 158.0 to 2009 258.0	$5.13 \pm 0.22$	$32.9 \pm 2.5$	0.72	16.3
2009 182.0 to 2009 282.0	$4.84 \pm 0.25$	$43.2 \pm 3.0$	1.05	23.8
2009 206.0 to 2009 306.0	$5.13 \pm 0.36$	$41.9 \pm 4.0$	1.13	25.6

Tidal comparison <b>S2</b>				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2009 59.0 to 2009 159.0	$3.03 \pm 0.08$	$-120.1 \pm 1.5$	0.08	2.7
2009 62.0 to 2009 162.0	$3.04 \pm 0.09$	$-120.0 \pm 1.7$	0.08	2.5
2009 86.0 to 2009 186.0	$3.02 \pm 0.08$	$-114.4 \pm 1.5$	0.22	7.3
2009 110.0 to 2009 210.0	$3.03 \pm 0.07$	$-117.5 \pm 1.3$	0.06	1.9
2009 134.0 to 2009 234.0	$3.12 \pm 0.08$	$-118.1 \pm 1.5$	0.09	3.0
2009 158.0 to 2009 258.0	$3.10 \pm 0.09$	$-117.9 \pm 1.7$	0.08	2.5
2009 182.0 to 2009 282.0	$3.14 \pm 0.10$	$-122.0 \pm 1.8$	0.21	7.0
2009 206.0 to 2009 306.0	$2.92 \pm 0.15$	$-117.5 \pm 2.9$	0.13	4.1