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	0.10092	-2.0
2009 62.0 to 2009 162.0	-4.91238 ± 0.04203	0.08244	-1.7
2009 86.0 to 2009 186.0	-4.80172 ± 0.03716	0.19310	-3.9
2009 110.0 to 2009 210.0	-4.74328 ± 0.03704	0.25154	-5.0
2009 134.0 to 2009 234.0	-4.77829 ± 0.04646	0.21653	-4.3
2009 158.0 to 2009 258.0	-4.79722 ± 0.05003	0.19760	-4.0
2009 182.0 to 2009 282.0	-4.89039 ± 0.05672	0.10443	-2.1
2009 206.0 to 2009 306.0	-5.03317 ± 0.07490	-0.03835	0.8
2009 230.0 to 2009 330.0	-5.04947 ± 0.07384	-0.05465	1.1
2009 254.0 to 2009 354.0	-5.05003 ± 0.05675	-0.05521	1.1
2009 288.0 to 2010 23.0	-5.02557 ± 0.03064	-0.03075	0.6
2009 322.0 to 2010 57.0	-5.01786 ± 0.03961	-0.02304	0.5
2009 356.0 to 2010 91.0	-4.98720 ± 0.04696	0.00762	-0.2
2010 25.0 to 2010 125.0	-4.99354 ± 0.05623	0.00128	-0.0
2010 59.0 to 2010 159.0	-4.99591 ± 0.05247	-0.00109	0.0
2010 93.0 to 2010 193.0	-4.99482 ± 0.04055	0.00000	-0.0
2010 127.0 to 2010 227.0	-4.84718 ± 0.04247	0.14764	-3.0
2010 161.0 to 2010 261.0	-4.75887 ± 0.04802	0.23595	-4.7
2010 195.0 to 2010 295.0	-4.93533 ± 0.04850	0.05949	-1.2
2010 229.0 to 2010 329.0	-5.14622 ± 0.04275	-0.15140	3.0
2010 263.0 to 2010 363.0	-5.16208 ± 0.03660	-0.16726	3.3
2010 297.0 to 2011 32.0	-5.11173 ± 0.04195	-0.11691	2.3
2010 331.0 to 2011 66.0	-5.10887 ± 0.03667	-0.11405	2.3
2010 365.0 to 2011 100.0	-5.18085 ± 0.03526	-0.18603	3.7
2011 34.0 to 2011 134.0	-5.13526 ± 0.03751	-0.14044	2.8
2011 68.0 to 2011 168.0	-5.07539 ± 0.03552	-0.08057	1.6
2011 102.0 to 2011 202.0	-4.89878 ± 0.04155	0.09604	-1.9
2011 136.0 to 2011 236.0	-4.82521 ± 0.04683	0.16961	-3.4
2011 170.0 to 2011 270.0	-4.79139 ± 0.06897	0.20343	-4.1
2011 288.0 to 2011 316.0	-5.09539 ± 0.11291	-0.10057	2.0
2011 284.0 to 2012 19.0	-5.23023 ± 0.04838	-0.23541	4.7

Tidal comparson **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	0.06	1.0
2009 62.0 to 2009 162.0	6.08 ± 0.02	104.7 ± 0.2	0.06	1.0
2009 86.0 to 2009 186.0	6.05 ± 0.02	104.7 ± 0.2	0.09	1.4
2009 110.0 to 2009 210.0	6.03 ± 0.02	105.2 ± 0.2	0.11	1.8
2009 134.0 to 2009 234.0	6.03 ± 0.02	105.6 ± 0.2	0.13	2.1
2009 158.0 to 2009 258.0	6.06 ± 0.02	105.6 ± 0.2	0.10	1.7
2009 182.0 to 2009 282.0	6.09 ± 0.03	105.7 ± 0.3	0.10	1.5
2009 206.0 to 2009 306.0	6.12 ± 0.04	105.5 ± 0.4	0.06	1.1
2009 230.0 to 2009 330.0	6.12 ± 0.04	105.1 ± 0.4	0.02	0.4
2009 254.0 to 2009 354.0	6.14 ± 0.04	104.9 ± 0.4	0.01	0.1
2009 288.0 to 2010 23.0	6.17 ± 0.03	105.3 ± 0.3	0.05	0.9
2009 322.0 to 2010 57.0	6.14 ± 0.04	104.8 ± 0.4	0.01	0.2
2009 356.0 to 2010 91.0	6.06 ± 0.04	105.1 ± 0.4	0.08	1.3
2010 25.0 to 2010 125.0	6.11 ± 0.04	104.6 ± 0.4	0.04	0.7
2010 59.0 to 2010 159.0	6.06 ± 0.04	104.6 ± 0.4	0.08	1.3
2010 93.0 to 2010 193.0	6.13 ± 0.02	104.6 ± 0.2	0.03	0.6
2010 127.0 to 2010 227.0	6.11 ± 0.02	104.9 ± 0.2	0.02	0.4
2010 161.0 to 2010 261.0	6.16 ± 0.02	105.1 ± 0.2	0.03	0.5
2010 195.0 to 2010 295.0	6.15 ± 0.02	105.2 ± 0.2	0.03	0.6
2010 229.0 to 2010 329.0	6.15 ± 0.03	105.2 ± 0.3	0.03	0.6
2010 263.0 to 2010 363.0	6.18 ± 0.03	104.8 ± 0.3	0.05	0.8
2010 297.0 to 2011 32.0	6.22 ± 0.04	104.5 ± 0.4	0.10	1.6
2010 331.0 to 2011 66.0	6.23 ± 0.04	104.3 ± 0.4	0.12	1.9
2010 365.0 to 2011 100.0	6.22 ± 0.03	104.1 ± 0.3	0.12	2.0
2011 34.0 to 2011 134.0	6.18 ± 0.03	104.3 ± 0.3	0.08	1.3
2011 68.0 to 2011 168.0	6.11 ± 0.03	104.4 ± 0.3	0.06	1.0
2011 102.0 to 2011 202.0	6.14 ± 0.02	105.1 ± 0.2	0.02	0.3
2011 136.0 to 2011 236.0	6.15 ± 0.03	105.3 ± 0.3	0.04	0.7
2011 170.0 to 2011 270.0	6.23 ± 0.04	105.5 ± 0.4	0.11	1.9
2011 288.0 to 2011 316.0	6.16 ± 0.07	106.4 ± 0.7	0.16	2.6
2011 284.0 to 2012 19.0	6.23 ± 0.04	105.2 ± 0.4	0.10	1.6

Tidal comparson **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	0.11	4.4
2009 62.0 to 2009 162.0	2.49 ± 0.05	-98.3 ± 1.2	0.09	3.8
2009 86.0 to 2009 186.0	2.39 ± 0.04	-100.3 ± 1.0	0.13	5.3
2009 110.0 to 2009 210.0	2.47 ± 0.04	-101.0 ± 0.9	0.17	7.0
2009 134.0 to 2009 234.0	2.50 ± 0.05	-100.8 ± 1.1	0.17	7.3
2009 158.0 to 2009 258.0	2.45 ± 0.05	-100.0 ± 1.2	0.12	5.0
2009 182.0 to 2009 282.0	2.43 ± 0.06	-99.9 ± 1.4	0.11	4.6
2009 206.0 to 2009 306.0	2.47 ± 0.09	-101.1 ± 2.1	0.17	7.2
2009 230.0 to 2009 330.0	2.44 ± 0.10	-99.1 ± 2.3	0.08	3.4
2009 254.0 to 2009 354.0	2.46 ± 0.09	-100.7 ± 2.1	0.15	6.3
2009 288.0 to 2010 23.0	2.52 ± 0.06	-101.1 ± 1.4	0.20	8.2
2009 322.0 to 2010 57.0	2.49 ± 0.08	-101.3 ± 1.8	0.19	7.8
2009 356.0 to 2010 91.0	2.37 ± 0.09	-98.0 ± 2.2	0.05	2.1
2010 25.0 to 2010 125.0	2.41 ± 0.10	-97.3 ± 2.4	0.00	0.0
2010 59.0 to 2010 159.0	2.37 ± 0.08	-95.4 ± 1.9	0.09	3.7
2010 93.0 to 2010 193.0	2.37 ± 0.05	-96.8 ± 1.2	0.05	1.9
2010 127.0 to 2010 227.0	2.34 ± 0.04	-95.5 ± 1.0	0.10	4.2
2010 161.0 to 2010 261.0	2.34 ± 0.05	-97.0 ± 1.2	0.07	3.0
2010 195.0 to 2010 295.0	2.32 ± 0.05	-94.4 ± 1.2	0.15	6.2
2010 229.0 to 2010 329.0	2.45 ± 0.06	-95.8 ± 1.4	0.08	3.1
2010 263.0 to 2010 363.0	2.66 ± 0.06	-98.7 ± 1.3	0.26	10.7
2010 297.0 to 2011 32.0	2.74 ± 0.08	-99.1 ± 1.7	0.34	14.1
2010 331.0 to 2011 66.0	2.46 ± 0.07	-97.1 ± 1.6	0.05	2.1
2010 365.0 to 2011 100.0	2.12 ± 0.07	-97.6 ± 1.9	0.29	12.0
2011 34.0 to 2011 134.0	2.08 ± 0.07	-94.2 ± 1.9	0.35	14.6
2011 68.0 to 2011 168.0	2.20 ± 0.05	-94.5 ± 1.3	0.24	9.9
2011 102.0 to 2011 202.0	2.23 ± 0.05	-95.2 ± 1.3	0.20	8.3
2011 136.0 to 2011 236.0	2.15 ± 0.06	-97.1 ± 1.6	0.26	10.8
2011 170.0 to 2011 270.0	2.00 ± 0.09	-97.7 ± 2.6	0.41	17.0
2011 288.0 to 2011 316.0	2.12 ± 0.09	-96.0 ± 2.4	0.29	12.2
2011 284.0 to 2012 19.0	2.06 ± 0.08	-96.0 ± 2.2	0.35	14.7

Tidal comparson **K1**				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2009 59.0 to 2009 159.0	4.04 ± 0.20	20.6 ± 2.8	0.78	18.4
2009 62.0 to 2009 162.0	4.08 ± 0.21	22.1 ± 2.9	0.67	15.8
2009 86.0 to 2009 186.0	3.94 ± 0.17	26.8 ± 2.5	0.44	10.3
2009 110.0 to 2009 210.0	4.39 ± 0.16	31.5 ± 2.1	0.13	3.1
2009 134.0 to 2009 234.0	4.66 ± 0.19	28.1 ± 2.3	0.46	10.7
2009 158.0 to 2009 258.0	5.13 ± 0.22	32.9 ± 2.5	0.88	20.7
2009 182.0 to 2009 282.0	4.84 ± 0.25	43.2 ± 3.0	1.13	26.4
2009 206.0 to 2009 306.0	5.13 ± 0.36	41.9 ± 4.0	1.24	29.1
2009 230.0 to 2009 330.0	4.69 ± 0.40	49.5 ± 4.9	1.50	35.2
2009 254.0 to 2009 354.0	4.83 ± 0.36	44.2 ± 4.3	1.19	27.9
2009 288.0 to 2010 23.0	3.99 ± 0.23	53.3 ± 3.3	1.62	38.0
2009 322.0 to 2010 57.0	4.39 ± 0.35	38.8 ± 4.6	0.60	14.1
2009 356.0 to 2010 91.0	2.90 ± 0.39	43.8 ± 7.7	1.57	36.9
2010 25.0 to 2010 125.0	3.44 ± 0.40	23.0 ± 6.7	0.98	23.0
2010 59.0 to 2010 159.0	3.29 ± 0.33	23.9 ± 5.7	1.08	25.3
2010 93.0 to 2010 193.0	4.36 ± 0.21	23.4 ± 2.8	0.58	13.6
2010 127.0 to 2010 227.0	4.29 ± 0.17	26.5 ± 2.3	0.34	7.9
2010 161.0 to 2010 261.0	4.81 ± 0.19	34.1 ± 2.3	0.60	14.1
2010 195.0 to 2010 295.0	4.78 ± 0.19	37.2 ± 2.3	0.71	16.7
2010 229.0 to 2010 329.0	5.22 ± 0.24	48.3 ± 2.6	1.71	40.2
2010 263.0 to 2010 363.0	4.81 ± 0.26	40.2 ± 3.1	0.91	21.4
2010 297.0 to 2011 32.0	2.89 ± 0.33	58.9 ± 6.5	2.18	51.1
2010 331.0 to 2011 66.0	4.05 ± 0.30	59.1 ± 4.2	2.03	47.6
2010 365.0 to 2011 100.0	3.63 ± 0.27	21.5 ± 4.3	0.91	21.3
2011 34.0 to 2011 134.0	2.42 ± 0.27	31.4 ± 6.4	1.84	43.2
2011 68.0 to 2011 168.0	4.04 ± 0.22	20.7 ± 3.1	0.78	18.2
2011 102.0 to 2011 202.0	3.91 ± 0.20	19.0 ± 2.9	0.92	21.7
2011 136.0 to 2011 236.0	4.35 ± 0.51	18.7 ± 6.7	0.93	21.7
2011 170.0 to 2011 270.0	10.19 ± 7.14	-19.3 ± 40.1	8.16	191.4
2011 288.0 to 2011 316.0	3.11 ± 0.10	19.1 ± 1.8	1.38	32.3
2011 284.0 to 2012 19.0	4.51 ± 0.45	35.9 ± 5.7	0.45	10.5

Tidal comparson **S2**				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2009 59.0 to 2009 159.0	3.03 ± 0.08	-120.1 ± 1.5	0.06	1.9
2009 62.0 to 2009 162.0	3.04 ± 0.09	-120.0 ± 1.7	0.05	1.7
2009 86.0 to 2009 186.0	3.02 ± 0.08	-114.4 ± 1.5	0.25	8.1
2009 110.0 to 2009 210.0	3.03 ± 0.07	-117.5 ± 1.3	0.08	2.7
2009 134.0 to 2009 234.0	3.12 ± 0.08	-118.1 ± 1.5	0.09	2.9
2009 158.0 to 2009 258.0	3.10 ± 0.09	-117.9 ± 1.7	0.08	2.7
2009 182.0 to 2009 282.0	3.14 ± 0.10	-122.0 ± 1.8	0.19	6.1
2009 206.0 to 2009 306.0	2.92 ± 0.15	-117.5 ± 2.9	0.15	4.9
2009 230.0 to 2009 330.0	2.90 ± 0.17	-122.0 ± 3.4	0.21	7.0
2009 254.0 to 2009 354.0	3.10 ± 0.15	-121.1 ± 2.8	0.12	4.1
2009 288.0 to 2010 23.0	3.18 ± 0.11	-118.2 ± 2.0	0.14	4.7
2009 322.0 to 2010 57.0	2.86 ± 0.17	-120.0 ± 3.4	0.19	6.3
2009 356.0 to 2010 91.0	2.81 ± 0.17	-124.2 ± 3.5	0.35	11.6
2010 25.0 to 2010 125.0	2.91 ± 0.17	-116.5 ± 3.3	0.19	6.2
2010 59.0 to 2010 159.0	3.03 ± 0.14	-118.8 ± 2.6	0.02	0.6
2010 93.0 to 2010 193.0	3.29 ± 0.09	-118.1 ± 1.6	0.25	8.2
2010 127.0 to 2010 227.0	2.99 ± 0.08	-116.2 ± 1.5	0.16	5.2
2010 161.0 to 2010 261.0	3.15 ± 0.08	-116.5 ± 1.5	0.17	5.6
2010 195.0 to 2010 295.0	2.98 ± 0.09	-119.3 ± 1.7	0.07	2.2
2010 229.0 to 2010 329.0	3.12 ± 0.10	-129.1 ± 1.8	0.55	18.0
2010 263.0 to 2010 363.0	3.09 ± 0.11	-119.7 ± 2.0	0.06	1.9
2010 297.0 to 2011 32.0	3.21 ± 0.15	-117.4 ± 2.7	0.19	6.1
2010 331.0 to 2011 66.0	3.07 ± 0.14	-120.5 ± 2.6	0.08	2.7
2010 365.0 to 2011 100.0	3.00 ± 0.13	-119.1 ± 2.5	0.05	1.5
2011 34.0 to 2011 134.0	2.79 ± 0.12	-112.5 ± 2.5	0.42	13.7
2011 68.0 to 2011 168.0	3.30 ± 0.10	-124.7 ± 1.7	0.40	13.3
2011 102.0 to 2011 202.0	2.95 ± 0.09	-114.4 ± 1.7	0.26	8.5
2011 136.0 to 2011 236.0	3.39 ± 0.18	-118.9 ± 3.0	0.34	11.3
2011 170.0 to 2011 270.0	1.36 ± 1.63	-145.5 ± 68.7	1.93	63.2
2011 288.0 to 2011 316.0	4.07 ± 0.07	-130.8 ± 1.0	1.25	41.2
2011 284.0 to 2012 19.0	4.15 ± 0.20	-116.1 ± 2.8	1.12	36.8