B058CH0 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	-3.59009 ± 0.16002	-0.17295	5.1
2009 62.0 to 2009 162.0	-3.62319 ± 0.15990	-0.20605	6.0
2009 86.0 to 2009 186.0	-3.49805 ± 0.14881	-0.08091	2.4
2009 110.0 to 2009 210.0	-3.39480 ± 0.13339	0.02234	-0.7
2009 134.0 to 2009 234.0	-3.37242 ± 0.12120	0.04472	-1.3
2009 158.0 to 2009 258.0	-3.25072 ± 0.10288	0.16642	-4.9
2009 182.0 to 2009 282.0	-3.32048 ± 0.11176	0.09666	-2.8
2009 206.0 to 2009 306.0	-3.41593 ± 0.13314	0.00121	-0.0
2009 230.0 to 2009 330.0	-3.49526 ± 0.12698	-0.07812	2.3
2009 254.0 to 2009 354.0	-3.36379 ± 0.09546	0.05335	-1.6
2009 288.0 to 2010 23.0	-3.41974 ± 0.05225	-0.00260	0.1
2009 322.0 to 2010 57.0	-3.44026 ± 0.05528	-0.02312	0.7
2009 356.0 to 2010 91.0	-3.49636 ± 0.06396	-0.07922	2.3
2010 25.0 to 2010 125.0	-3.41423 ± 0.06875	0.00291	-0.1
2010 59.0 to 2010 159.0	-3.50856 ± 0.06188	-0.09142	2.7
2010 93.0 to 2010 193.0	-3.41714 ± 0.03476	0.00000	-0.0
2010 127.0 to 2010 227.0	-3.32929 ± 0.03789	0.08785	-2.6
2010 161.0 to 2010 261.0	-3.25160 ± 0.04026	0.16554	-4.8
2010 195.0 to 2010 295.0	-3.39934 ± 0.03918	0.01780	-0.5
2010 229.0 to 2010 329.0	-3.55261 ± 0.02859	-0.13547	4.0
2010 263.0 to 2010 363.0	-3.54193 ± 0.02543	-0.12479	3.7
2010 297.0 to 2011 32.0	-3.54078 ± 0.03243	-0.12364	3.6
2010 331.0 to 2011 66.0	-3.53538 ± 0.03056	-0.11824	3.5
2010 365.0 to 2011 100.0	-3.57054 ± 0.03162	-0.15340	4.5
2011 34.0 to 2011 134.0	-3.47071 ± 0.02918	-0.05357	1.6
2011 68.0 to 2011 168.0	-3.38049 ± 0.02648	0.03665	-1.1
2011 102.0 to 2011 202.0	-3.31154 ± 0.02789	0.10560	-3.1
2011 136.0 to 2011 236.0	-3.31979 ± 0.03267	0.09735	-2.8
2011 170.0 to 2011 270.0	-3.37064 ± 0.05295	0.04650	-1.4
2011 288.0 to 2011 316.0	-3.35760 ± 0.07423	0.05954	-1.7
2011 284.0 to 2012 19.0	-3.53898 ± 0.02579	-0.12184	3.6
2011 318.0 to 2012 53.0	-3.53107 ± 0.03184	-0.11393	3.3

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	9.77 ± 0.11	30.2 ± 0.6	0.17	1.7
2009 62.0 to 2009 162.0	9.75 ± 0.11	30.2 ± 0.6	0.19	1.9
2009 86.0 to 2009 186.0	9.76 ± 0.09	30.1 ± 0.5	0.17	1.8
2009 110.0 to 2009 210.0	9.82 ± 0.07	30.0 ± 0.4	0.11	1.1
2009 134.0 to 2009 234.0	9.81 ± 0.06	30.2 ± 0.4	0.14	1.4
2009 158.0 to 2009 258.0	9.74 ± 0.06	29.9 ± 0.4	0.18	1.8
2009 182.0 to 2009 282.0	9.78 ± 0.07	29.8 ± 0.4	0.14	1.4
2009 206.0 to 2009 306.0	9.80 ± 0.08	30.0 ± 0.5	0.13	1.3
2009 230.0 to 2009 330.0	9.86 ± 0.08	29.6 ± 0.5	0.06	0.6
2009 254.0 to 2009 354.0	9.91 ± 0.08	29.6 ± 0.5	0.02	0.2
2009 288.0 to 2010 23.0	9.83 ± 0.07	29.3 ± 0.4	0.11	1.1
2009 322.0 to 2010 57.0	9.88 ± 0.07	29.0 ± 0.4	0.13	1.3
2009 356.0 to 2010 91.0	9.80 ± 0.08	29.0 ± 0.5	0.17	1.7
2010 25.0 to 2010 125.0	9.81 ± 0.07	29.6 ± 0.4	0.11	1.1
2010 59.0 to 2010 159.0	9.75 ± 0.05	29.3 ± 0.3	0.18	1.8
2010 93.0 to 2010 193.0	9.89 ± 0.02	29.4 ± 0.1	0.06	0.6
2010 127.0 to 2010 227.0	9.90 ± 0.02	29.4 ± 0.1	0.06	0.6
2010 161.0 to 2010 261.0	9.89 ± 0.02	29.8 ± 0.1	0.03	0.3
2010 195.0 to 2010 295.0	9.91 ± 0.02	29.9 ± 0.1	0.04	0.4
2010 229.0 to 2010 329.0	9.96 ± 0.02	29.8 ± 0.1	0.04	0.4
2010 263.0 to 2010 363.0	10.00 ± 0.02	29.8 ± 0.1	0.08	0.8
2010 297.0 to 2011 32.0	10.04 ± 0.03	29.9 ± 0.2	0.12	1.3
2010 331.0 to 2011 66.0	10.04 ± 0.03	30.0 ± 0.2	0.13	1.3
2010 365.0 to 2011 100.0	10.07 ± 0.03	30.0 ± 0.2	0.16	1.6
2011 34.0 to 2011 134.0	10.08 ± 0.03	29.6 ± 0.2	0.16	1.6
2011 68.0 to 2011 168.0	10.07 ± 0.02	29.4 ± 0.1	0.16	1.6
2011 102.0 to 2011 202.0	10.11 ± 0.02	29.7 ± 0.1	0.19	1.9
2011 136.0 to 2011 236.0	10.12 ± 0.02	30.0 ± 0.1	0.21	2.1
2011 170.0 to 2011 270.0	10.14 ± 0.03	30.2 ± 0.2	0.24	2.4
2011 288.0 to 2011 316.0	10.21 ± 0.05	29.7 ± 0.3	0.29	2.9
2011 284.0 to 2012 19.0	10.19 ± 0.02	30.1 ± 0.1	0.28	2.8
2011 318.0 to 2012 53.0	10.26 ± 0.03	30.3 ± 0.2	0.36	3.6

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	5.27 ± 0.21	8.7 ± 2.3	0.24	4.8
2009 62.0 to 2009 162.0	5.27 ± 0.20	9.2 ± 2.2	0.26	5.1
2009 86.0 to 2009 186.0	5.24 ± 0.17	10.9 ± 1.9	0.32	6.4
2009 110.0 to 2009 210.0	5.03 ± 0.13	8.0 ± 1.5	0.01	0.3
2009 134.0 to 2009 234.0	5.18 ± 0.11	7.4 ± 1.2	0.16	3.2
2009 158.0 to 2009 258.0	5.31 ± 0.10	7.8 ± 1.1	0.28	5.6
2009 182.0 to 2009 282.0	5.27 ± 0.12	7.3 ± 1.3	0.25	5.0
2009 206.0 to 2009 306.0	5.14 ± 0.14	6.6 ± 1.6	0.18	3.5
2009 230.0 to 2009 330.0	5.14 ± 0.15	7.0 ± 1.7	0.15	3.0
2009 254.0 to 2009 354.0	4.99 ± 0.14	7.5 ± 1.6	0.07	1.4
2009 288.0 to 2010 23.0	5.08 ± 0.11	7.6 ± 1.2	0.07	1.4
2009 322.0 to 2010 57.0	5.18 ± 0.12	7.4 ± 1.3	0.16	3.2
2009 356.0 to 2010 91.0	5.26 ± 0.14	7.0 ± 1.5	0.25	5.0
2010 25.0 to 2010 125.0	5.13 ± 0.12	6.1 ± 1.3	0.21	4.1
2010 59.0 to 2010 159.0	5.11 ± 0.09	7.2 ± 1.0	0.12	2.3
2010 93.0 to 2010 193.0	5.06 ± 0.04	9.3 ± 0.5	0.10	2.1
2010 127.0 to 2010 227.0	5.09 ± 0.04	9.1 ± 0.5	0.10	2.0
2010 161.0 to 2010 261.0	4.99 ± 0.04	8.1 ± 0.5	0.04	0.8
2010 195.0 to 2010 295.0	4.95 ± 0.04	8.3 ± 0.5	0.08	1.6
2010 229.0 to 2010 329.0	4.81 ± 0.04	8.2 ± 0.5	0.22	4.4
2010 263.0 to 2010 363.0	4.72 ± 0.04	7.8 ± 0.5	0.31	6.2
2010 297.0 to 2011 32.0	4.68 ± 0.06	6.8 ± 0.7	0.37	7.4
2010 331.0 to 2011 66.0	4.75 ± 0.06	7.5 ± 0.7	0.29	5.7
2010 365.0 to 2011 100.0	4.72 ± 0.06	9.4 ± 0.7	0.33	6.5
2011 34.0 to 2011 134.0	4.73 ± 0.05	9.5 ± 0.6	0.32	6.4
2011 68.0 to 2011 168.0	4.69 ± 0.04	9.7 ± 0.5	0.37	7.3
2011 102.0 to 2011 202.0	4.80 ± 0.04	9.8 ± 0.5	0.27	5.4
2011 136.0 to 2011 236.0	4.84 ± 0.04	11.0 ± 0.5	0.31	6.2
2011 170.0 to 2011 270.0	4.96 ± 0.05	12.3 ± 0.6	0.37	7.3
2011 288.0 to 2011 316.0	4.51 ± 0.12	12.8 ± 1.5	0.65	12.9
2011 284.0 to 2012 19.0	4.66 ± 0.04	9.8 ± 0.5	0.40	7.9
2011 318.0 to 2012 53.0	4.57 ± 0.05	9.2 ± 0.6	0.47	9.3

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	5.65 ± 0.88	149.4 ± 8.9	0.47	8.8
2009 62.0 to 2009 162.0	5.34 ± 0.81	154.0 ± 8.7	0.10	1.9
2009 86.0 to 2009 186.0	4.18 ± 0.69	168.1 ± 9.5	1.69	31.8
2009 110.0 to 2009 210.0	4.88 ± 0.52	150.4 ± 6.1	0.50	9.4
2009 134.0 to 2009 234.0	4.84 ± 0.45	150.7 ± 5.3	0.53	9.9
2009 158.0 to 2009 258.0	4.84 ± 0.41	140.0 ± 4.9	1.24	23.4
2009 182.0 to 2009 282.0	5.90 ± 0.48	154.5 ± 4.7	0.59	11.1
2009 206.0 to 2009 306.0	6.38 ± 0.59	142.8 ± 5.3	1.47	27.7
2009 230.0 to 2009 330.0	6.79 ± 0.63	142.8 ± 5.3	1.81	34.0
2009 254.0 to 2009 354.0	5.91 ± 0.60	141.7 ± 5.8	1.24	23.4
2009 288.0 to 2010 23.0	7.15 ± 0.46	150.7 ± 3.7	1.84	34.5
2009 322.0 to 2010 57.0	6.28 ± 0.54	153.5 ± 4.9	0.95	17.9
2009 356.0 to 2010 91.0	7.21 ± 0.57	157.0 ± 4.5	1.93	36.3
2010 25.0 to 2010 125.0	5.19 ± 0.52	159.5 ± 5.7	0.62	11.6
2010 59.0 to 2010 159.0	5.69 ± 0.38	162.2 ± 3.8	0.96	18.0
2010 93.0 to 2010 193.0	4.82 ± 0.17	152.3 ± 2.0	0.51	9.6
2010 127.0 to 2010 227.0	4.84 ± 0.15	153.9 ± 1.8	0.49	9.3
2010 161.0 to 2010 261.0	4.82 ± 0.15	149.9 ± 1.8	0.57	10.8
2010 195.0 to 2010 295.0	5.31 ± 0.16	142.7 ± 1.7	0.95	17.8
2010 229.0 to 2010 329.0	6.00 ± 0.15	144.8 ± 1.4	1.05	19.7
2010 263.0 to 2010 363.0	6.05 ± 0.18	145.9 ± 1.7	1.00	18.9
2010 297.0 to 2011 32.0	6.70 ± 0.25	158.8 ± 2.1	1.50	28.2
2010 331.0 to 2011 66.0	6.95 ± 0.25	151.9 ± 2.1	1.63	30.5
2010 365.0 to 2011 100.0	4.65 ± 0.24	163.9 ± 3.0	1.17	21.9
2011 34.0 to 2011 134.0	6.27 ± 0.21	163.8 ± 1.9	1.44	27.1
2011 68.0 to 2011 168.0	4.04 ± 0.18	151.1 ± 2.6	1.30	24.3
2011 102.0 to 2011 202.0	4.52 ± 0.15	158.3 ± 1.9	0.93	17.4
2011 136.0 to 2011 236.0	4.44 ± 0.36	153.7 ± 4.6	0.89	16.7
2011 170.0 to 2011 270.0	21.53 ± 4.35	-148.8 ± 11.6	19.27	361.7
2011 288.0 to 2011 316.0	5.69 ± 0.12	130.6 ± 1.2	2.16	40.6
2011 284.0 to 2012 19.0	5.56 ± 0.24	139.9 ± 2.5	1.26	23.6
2011 318.0 to 2012 53.0	5.23 ± 0.23	155.1 ± 2.5	0.22	4.1

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	4.17 ± 0.45	-159.3 ± 6.2	0.69	19.2
2009 62.0 to 2009 162.0	4.20 ± 0.42	-160.4 ± 5.7	0.76	21.1
2009 86.0 to 2009 186.0	2.67 ± 0.35	-145.8 ± 7.5	1.02	28.3
2009 110.0 to 2009 210.0	3.97 ± 0.27	-149.9 ± 3.9	0.45	12.4
2009 134.0 to 2009 234.0	4.00 ± 0.24	-163.1 ± 3.4	0.74	20.7
2009 158.0 to 2009 258.0	3.20 ± 0.24	-149.6 ± 4.3	0.46	12.9
2009 182.0 to 2009 282.0	3.96 ± 0.27	-146.4 ± 3.9	0.60	16.7
2009 206.0 to 2009 306.0	3.58 ± 0.30	-159.2 ± 4.8	0.35	9.7
2009 230.0 to 2009 330.0	3.57 ± 0.33	-155.3 ± 5.3	0.11	3.0
2009 254.0 to 2009 354.0	3.34 ± 0.32	-154.8 ± 5.5	0.27	7.4
2009 288.0 to 2010 23.0	3.37 ± 0.28	-154.0 ± 4.8	0.23	6.3
2009 322.0 to 2010 57.0	3.45 ± 0.30	-159.6 ± 5.0	0.39	11.0
2009 356.0 to 2010 91.0	3.67 ± 0.30	-158.9 ± 4.7	0.34	9.5
2010 25.0 to 2010 125.0	3.44 ± 0.28	-148.8 ± 4.7	0.34	9.3
2010 59.0 to 2010 159.0	3.58 ± 0.20	-146.6 ± 3.2	0.44	12.3
2010 93.0 to 2010 193.0	3.65 ± 0.09	-156.7 ± 1.4	0.20	5.6
2010 127.0 to 2010 227.0	3.65 ± 0.08	-152.0 ± 1.3	0.12	3.2
2010 161.0 to 2010 261.0	3.55 ± 0.07	-153.0 ± 1.1	0.06	1.7
2010 195.0 to 2010 295.0	3.62 ± 0.07	-152.7 ± 1.1	0.06	1.8
2010 229.0 to 2010 329.0	3.73 ± 0.07	-157.5 ± 1.1	0.28	7.8
2010 263.0 to 2010 363.0	3.71 ± 0.09	-154.5 ± 1.4	0.13	3.5
2010 297.0 to 2011 32.0	3.83 ± 0.12	-151.4 ± 1.8	0.27	7.6
2010 331.0 to 2011 66.0	3.57 ± 0.11	-153.7 ± 1.8	0.03	0.8
2010 365.0 to 2011 100.0	3.54 ± 0.11	-151.7 ± 1.8	0.13	3.7
2011 34.0 to 2011 134.0	3.62 ± 0.10	-151.1 ± 1.6	0.16	4.5
2011 68.0 to 2011 168.0	3.87 ± 0.09	-155.4 ± 1.3	0.30	8.2
2011 102.0 to 2011 202.0	3.75 ± 0.08	-152.2 ± 1.2	0.18	5.0
2011 136.0 to 2011 236.0	3.48 ± 0.15	-151.1 ± 2.5	0.20	5.4
2011 170.0 to 2011 270.0	2.39 ± 1.28	162.7 ± 30.7	2.49	69.3
2011 288.0 to 2011 316.0	3.92 ± 0.05	-163.7 ± 0.7	0.73	20.4
2011 284.0 to 2012 19.0	3.59 ± 0.12	-147.8 ± 1.9	0.37	10.2
2011 318.0 to 2012 53.0	4.02 ± 0.11	-143.0 ± 1.6	0.82	22.9