B073CH0 Comparison between current analysis and prior analysis

Pressure comparison			
time interval	Pressure Coef. counts/counts	Difference counts/counts	Percent change
2008 148.0 to 2008 248.0	-10.50732 ± 0.19543	0.49545	-4.5
2008 170.0 to 2008 270.0	-10.76444 ± 0.18808	0.23833	-2.2
2008 192.0 to 2008 292.0	-11.00277 ± 0.20673	0.00000	-0.0
2008 214.0 to 2008 314.0	-11.19245 ± 0.19618	-0.18968	1.7
2008 238.0 to 2008 338.0	-11.42740 ± 0.09852	-0.42463	3.9
2008 260.0 to 2008 360.0	-11.30285 ± 0.08868	-0.30008	2.7
2008 282.0 to 2009 16.0	-11.27945 ± 0.09373	-0.27668	2.5
2008 304.0 to 2009 38.0	-11.27858 ± 0.09877	-0.27581	2.5
2008 326.0 to 2009 60.0	-11.23435 ± 0.09698	-0.23158	2.1
2008 348.0 to 2009 82.0	-11.18616 ± 0.10408	-0.18339	1.7
2009 4.0 to 2009 104.0	-11.09739 ± 0.11373	-0.09462	0.9
2009 13.0 to 2009 113.0	-11.11087 ± 0.11824	-0.10810	1.0
2009 37.0 to 2009 137.0	-10.92148 ± 0.14262	0.08129	-0.7
2009 61.0 to 2009 161.0	-10.77272 ± 0.14618	0.23005	-2.1
2009 85.0 to 2009 185.0	-10.92564 ± 0.15100	0.07713	-0.7
2009 109.0 to 2009 209.0	-10.77103 ± 0.11643	0.23174	-2.1
2009 133.0 to 2009 233.0	-10.88882 ± 0.17290	0.11395	-1.0
2009 157.0 to 2009 257.0	-11.05398 ± 0.20322	-0.05121	0.5
2009 181.0 to 2009 281.0	-10.97478 ± 0.17914	0.02799	-0.3
2009 205.0 to 2009 305.0	-10.99242 ± 0.14269	0.01035	-0.1
2009 229.0 to 2009 329.0	-10.98356 ± 0.13345	0.01921	-0.2
2009 253.0 to 2009 353.0	-11.00949 ± 0.15316	-0.00672	0.1
2009 287.0 to 2010 22.0	-11.04109 ± 0.12319	-0.03832	0.3
2009 321.0 to 2010 56.0	-10.99743 ± 0.12312	0.00534	-0.0
2009 355.0 to 2010 90.0	-10.88362 ± 0.13560	0.11915	-1.1
2010 24.0 to 2010 124.0	-10.93028 ± 0.14088	0.07249	-0.7
2010 58.0 to 2010 158.0	-10.69172 ± 0.13913	0.31105	-2.8
2010 92.0 to 2010 192.0	-11.04194 ± 0.12700	-0.03917	0.4
2010 126.0 to 2010 226.0	-10.88586 ± 0.13371	0.11691	-1.1
2010 160.0 to 2010 260.0	-11.10951 ± 0.14811	-0.10674	1.0
2010 194.0 to 2010 294.0	-11.34784 ± 0.16400	-0.34507	3.1
2010 228.0 to 2010 328.0	-11.21123 ± 0.13793	-0.20846	1.9
2010 262.0 to 2010 362.0	-11.26533 ± 0.11306	-0.26256	2.4
2010 296.0 to 2011 31.0	-10.92892 ± 0.17058	0.07385	-0.7
2010 330.0 to 2011 65.0	-10.95785 ± 0.18216	0.04492	-0.4
2010 364.0 to 2011 99.0	-10.93295 ± 0.16805	0.06982	-0.6
2011 33.0 to 2011 133.0	-10.93911 ± 0.19785	0.06366	-0.6
2011 67.0 to 2011 167.0	-10.78567 ± 0.17714	0.21710	-2.0
2011 101.0 to 2011 201.0	-10.72275 ± 0.19259	0.28002	-2.5
2011 135.0 to 2011 235.0	-11.02917 ± 0.21185	-0.02640	0.2
2011 169.0 to 2011 269.0	-11.06770 ± 0.19854	-0.06493	0.6
2011 203.0 to 2011 303.0	-11.34801 ± 0.26407	-0.34524	3.1
2011 237.0 to 2011 337.0	-11.34472 ± 0.11678	-0.34195	3.1
2011 271.0 to 2012 6.0	-11.30924 ± 0.11311	-0.30647	2.8

Tidal comparison **M2**				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2008 148.0 to 2008 248.0	11.04 ± 0.09	-122.7 ± 0.5	0.02	0.1
2008 170.0 to 2008 270.0	11.02 ± 0.08	-122.7 ± 0.4	0.03	0.3
2008 192.0 to 2008 292.0	11.05 ± 0.09	-121.6 ± 0.5	0.22	2.0
2008 214.0 to 2008 314.0	11.04 ± 0.10	-121.6 ± 0.5	0.22	2.0
2008 238.0 to 2008 338.0	11.04 ± 0.06	-121.6 ± 0.3	0.22	2.0
2008 260.0 to 2008 360.0	11.13 ± 0.06	-121.5 ± 0.3	0.26	2.3
2008 282.0 to 2009 16.0	11.16 ± 0.07	-122.4 ± 0.4	0.13	1.2
2008 304.0 to 2009 38.0	11.21 ± 0.08	-123.3 ± 0.4	0.19	1.7
2008 326.0 to 2009 60.0	11.23 ± 0.08	-123.4 ± 0.4	0.22	2.0
2008 348.0 to 2009 82.0	11.24 ± 0.08	-123.3 ± 0.4	0.22	2.0
2009 4.0 to 2009 104.0	11.21 ± 0.08	-123.2 ± 0.4	0.18	1.6
2009 13.0 to 2009 113.0	11.19 ± 0.08	-122.9 ± 0.4	0.14	1.3
2009 37.0 to 2009 137.0	11.14 ± 0.09	-122.7 ± 0.5	0.09	0.8
2009 61.0 to 2009 161.0	11.10 ± 0.09	-122.8 ± 0.5	0.05	0.5
2009 85.0 to 2009 185.0	11.11 ± 0.09	-122.6 ± 0.5	0.07	0.6
2009 109.0 to 2009 209.0	11.08 ± 0.06	-122.8 ± 0.3	0.03	0.3
2009 133.0 to 2009 233.0	11.01 ± 0.08	-122.8 ± 0.4	0.04	0.4
2009 157.0 to 2009 257.0	11.00 ± 0.09	-122.9 ± 0.5	0.06	0.5
2009 181.0 to 2009 281.0	10.95 ± 0.09	-122.9 ± 0.5	0.10	0.9
2009 205.0 to 2009 305.0	10.99 ± 0.07	-122.8 ± 0.4	0.06	0.5
2009 229.0 to 2009 329.0	11.11 ± 0.07	-123.2 ± 0.4	0.10	0.9
2009 253.0 to 2009 353.0	11.14 ± 0.10	-123.5 ± 0.5	0.17	1.5
2009 287.0 to 2010 22.0	11.17 ± 0.10	-124.1 ± 0.5	0.29	2.6
2009 321.0 to 2010 56.0	11.13 ± 0.10	-123.4 ± 0.5	0.15	1.3
2009 355.0 to 2010 90.0	11.00 ± 0.11	-123.4 ± 0.6	0.13	1.2
2010 24.0 to 2010 124.0	11.01 ± 0.10	-123.4 ± 0.5	0.13	1.2
2010 58.0 to 2010 158.0	11.05 ± 0.09	-123.5 ± 0.5	0.14	1.3
2010 92.0 to 2010 192.0	11.01 ± 0.08	-123.7 ± 0.4	0.18	1.7
2010 126.0 to 2010 226.0	10.94 ± 0.07	-122.7 ± 0.4	0.11	1.0
2010 160.0 to 2010 260.0	10.97 ± 0.07	-122.0 ± 0.4	0.17	1.5
2010 194.0 to 2010 294.0	11.02 ± 0.08	-122.1 ± 0.4	0.13	1.2
2010 228.0 to 2010 328.0	11.05 ± 0.08	-122.6 ± 0.4	0.03	0.3
2010 262.0 to 2010 362.0	10.98 ± 0.08	-123.0 ± 0.4	0.08	0.8
2010 296.0 to 2011 31.0	11.11 ± 0.14	-122.8 ± 0.7	0.06	0.5
2010 330.0 to 2011 65.0	11.16 ± 0.15	-122.8 ± 0.8	0.11	1.0
2010 364.0 to 2011 99.0	11.12 ± 0.13	-122.6 ± 0.7	0.08	0.7
2011 33.0 to 2011 133.0	11.05 ± 0.14	-123.0 ± 0.7	0.05	0.4
2011 67.0 to 2011 167.0	10.86 ± 0.12	-123.1 ± 0.6	0.20	1.8
2011 101.0 to 2011 201.0	10.88 ± 0.11	-123.7 ± 0.6	0.25	2.2
2011 135.0 to 2011 235.0	10.88 ± 0.10	-123.2 ± 0.5	0.19	1.7
2011 169.0 to 2011 269.0	10.89 ± 0.14	-122.3 ± 0.7	0.18	1.7
2011 203.0 to 2011 303.0	10.96 ± 0.17	-121.7 ± 0.9	0.22	2.0
2011 237.0 to 2011 337.0	10.85 ± 0.07	-121.8 ± 0.4	0.27	2.5
2011 271.0 to 2012 6.0	10.76 ± 0.08	-122.4 ± 0.4	0.30	2.7

Tidal comparson **O1**				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2008 148.0 to 2008 248.0	3.66 ± 0.18	124.8 ± 2.8	0.64	18.7
2008 170.0 to 2008 270.0	3.69 ± 0.16	127.2 ± 2.5	0.52	15.1
2008 192.0 to 2008 292.0	3.70 ± 0.19	129.2 ± 2.9	0.42	12.1
2008 214.0 to 2008 314.0	3.72 ± 0.20	132.0 ± 3.1	0.31	9.1
2008 238.0 to 2008 338.0	3.99 ± 0.11	133.2 ± 1.6	0.54	15.7
2008 260.0 to 2008 360.0	4.13 ± 0.13	135.1 ± 1.8	0.68	19.6
2008 282.0 to 2009 16.0	3.89 ± 0.15	136.6 ± 2.2	0.45	13.1
2008 304.0 to 2009 38.0	3.91 ± 0.17	138.3 ± 2.5	0.51	14.8
2008 326.0 to 2009 60.0	3.74 ± 0.17	135.2 ± 2.6	0.29	8.3
2008 348.0 to 2009 82.0	3.37 ± 0.18	136.8 ± 3.1	0.15	4.4
2009 4.0 to 2009 104.0	3.44 ± 0.18	137.1 ± 3.0	0.15	4.3
2009 13.0 to 2009 113.0	3.54 ± 0.18	133.3 ± 2.9	0.12	3.4
2009 37.0 to 2009 137.0	3.46 ± 0.20	132.1 ± 3.3	0.15	4.5
2009 61.0 to 2009 161.0	3.60 ± 0.19	135.1 ± 3.0	0.15	4.3
2009 85.0 to 2009 185.0	3.89 ± 0.18	131.9 ± 2.7	0.47	13.6
2009 109.0 to 2009 209.0	3.75 ± 0.12	135.0 ± 1.8	0.30	8.6
2009 133.0 to 2009 233.0	3.63 ± 0.17	133.8 ± 2.7	0.18	5.3
2009 157.0 to 2009 257.0	3.50 ± 0.19	135.5 ± 3.1	0.07	2.0
2009 181.0 to 2009 281.0	3.50 ± 0.17	134.7 ± 2.8	0.05	1.3
2009 205.0 to 2009 305.0	3.53 ± 0.15	135.0 ± 2.4	0.08	2.3
2009 229.0 to 2009 329.0	3.62 ± 0.15	138.3 ± 2.4	0.28	8.1
2009 253.0 to 2009 353.0	3.64 ± 0.21	138.1 ± 3.3	0.28	8.2
2009 287.0 to 2010 22.0	3.50 ± 0.21	143.9 ± 3.4	0.56	16.3
2009 321.0 to 2010 56.0	3.20 ± 0.24	141.9 ± 4.3	0.49	14.2
2009 355.0 to 2010 90.0	2.89 ± 0.25	137.0 ± 5.0	0.58	16.8
2010 24.0 to 2010 124.0	3.02 ± 0.22	127.3 ± 4.2	0.60	17.4
2010 58.0 to 2010 158.0	3.24 ± 0.20	130.8 ± 3.5	0.31	9.0
2010 92.0 to 2010 192.0	3.33 ± 0.16	129.8 ± 2.8	0.31	9.1
2010 126.0 to 2010 226.0	3.36 ± 0.13	133.0 ± 2.2	0.14	3.9
2010 160.0 to 2010 260.0	2.99 ± 0.14	130.8 ± 2.7	0.51	14.8
2010 194.0 to 2010 294.0	2.78 ± 0.16	132.1 ± 3.3	0.69	19.9
2010 228.0 to 2010 328.0	2.73 ± 0.17	138.5 ± 3.6	0.75	21.8
2010 262.0 to 2010 362.0	3.04 ± 0.18	138.5 ± 3.4	0.47	13.5
2010 296.0 to 2011 31.0	2.97 ± 0.32	137.5 ± 6.2	0.51	14.8
2010 330.0 to 2011 65.0	3.04 ± 0.35	132.1 ± 6.6	0.44	12.7
2010 364.0 to 2011 99.0	3.67 ± 0.29	133.7 ± 4.5	0.22	6.5
2011 33.0 to 2011 133.0	3.78 ± 0.32	133.8 ± 4.9	0.33	9.6
2011 67.0 to 2011 167.0	3.84 ± 0.26	132.2 ± 3.9	0.42	12.0
2011 101.0 to 2011 201.0	3.18 ± 0.25	132.2 ± 4.5	0.31	8.9
2011 135.0 to 2011 235.0	3.03 ± 0.21	130.8 ± 4.0	0.48	13.8
2011 169.0 to 2011 269.0	2.81 ± 0.20	133.6 ± 4.1	0.65	18.7
2011 203.0 to 2011 303.0	2.75 ± 0.28	133.1 ± 5.8	0.71	20.5
2011 237.0 to 2011 337.0	2.88 ± 0.15	130.4 ± 3.0	0.62	18.0
2011 271.0 to 2012 6.0	2.94 ± 0.17	128.7 ± 3.3	0.61	17.7

Tidal comparson **K1**				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2008 148.0 to 2008 248.0	3.44 ± 0.74	-69.4 ± 12.3	1.06	36.6
2008 170.0 to 2008 270.0	2.22 ± 0.68	-66.7 ± 17.6	1.09	37.6
2008 192.0 to 2008 292.0	0.36 ± 0.80	34.8 ± 127.3	3.10	106.9
2008 214.0 to 2008 314.0	0.74 ± 1.14	-100.7 ± 88.3	2.19	75.6
2008 238.0 to 2008 338.0	1.14 ± 0.47	-147.5 ± 23.6	2.56	88.3
2008 260.0 to 2008 360.0	1.75 ± 0.52	178.5 ± 17.0	3.53	121.6
2008 282.0 to 2009 16.0	3.29 ± 0.62	-97.3 ± 10.8	0.72	24.8
2008 304.0 to 2009 38.0	4.54 ± 0.70	-133.7 ± 8.8	3.36	115.8
2008 326.0 to 2009 60.0	3.91 ± 0.69	-151.0 ± 10.1	3.76	129.5
2008 348.0 to 2009 82.0	6.60 ± 0.72	-92.1 ± 6.3	3.73	128.5
2009 4.0 to 2009 104.0	4.66 ± 0.73	-116.9 ± 9.0	2.63	90.7
2009 13.0 to 2009 113.0	6.58 ± 0.73	-121.6 ± 6.4	4.55	156.7
2009 37.0 to 2009 137.0	5.19 ± 0.84	-116.5 ± 9.3	3.07	105.7
2009 61.0 to 2009 161.0	4.58 ± 0.78	-80.9 ± 9.8	1.71	59.0
2009 85.0 to 2009 185.0	6.10 ± 0.75	-78.1 ± 7.0	3.25	112.1
2009 109.0 to 2009 209.0	3.78 ± 0.48	-87.8 ± 7.3	0.89	30.5
2009 133.0 to 2009 233.0	3.42 ± 0.69	-66.3 ± 11.6	1.20	41.3
2009 157.0 to 2009 257.0	2.89 ± 0.81	-42.6 ± 16.1	2.14	73.9
2009 181.0 to 2009 281.0	0.67 ± 0.73	-72.6 ± 62.4	2.25	77.7
2009 205.0 to 2009 305.0	1.49 ± 0.61	-51.0 ± 23.5	1.89	65.0
2009 229.0 to 2009 329.0	1.29 ± 0.60	-138.5 ± 26.6	2.35	81.0
2009 253.0 to 2009 353.0	0.95 ± 0.86	139.4 ± 51.9	3.63	125.2
2009 287.0 to 2010 22.0	7.17 ± 0.89	-117.0 ± 7.1	4.91	169.5
2009 321.0 to 2010 56.0	3.53 ± 0.96	-171.1 ± 15.6	4.37	150.7
2009 355.0 to 2010 90.0	6.29 ± 1.04	-80.5 ± 9.5	3.41	117.7
2010 24.0 to 2010 124.0	5.09 ± 0.90	-115.1 ± 10.1	2.92	100.6
2010 58.0 to 2010 158.0	7.13 ± 0.82	-78.2 ± 6.6	4.28	147.4
2010 92.0 to 2010 192.0	4.01 ± 0.65	-79.0 ± 9.3	1.19	40.9
2010 126.0 to 2010 226.0	4.36 ± 0.54	-78.8 ± 7.1	1.53	52.7
2010 160.0 to 2010 260.0	3.19 ± 0.57	-65.1 ± 10.2	1.14	39.4
2010 194.0 to 2010 294.0	2.12 ± 0.65	-54.1 ± 17.6	1.57	54.2
2010 228.0 to 2010 328.0	1.51 ± 0.71	-129.2 ± 26.9	2.07	71.5
2010 262.0 to 2010 362.0	0.41 ± 0.74	-86.4 ± 103.4	2.49	85.9
2010 296.0 to 2011 31.0	4.47 ± 1.30	-102.5 ± 16.7	1.88	64.7
2010 330.0 to 2011 65.0	3.75 ± 1.41	-160.1 ± 21.5	4.06	140.1
2010 364.0 to 2011 99.0	3.70 ± 1.18	-75.0 ± 18.3	1.02	35.1
2011 33.0 to 2011 133.0	4.00 ± 1.31	-116.1 ± 18.8	2.08	71.7
2011 67.0 to 2011 167.0	7.53 ± 1.08	-77.9 ± 8.2	4.68	161.2
2011 101.0 to 2011 201.0	2.82 ± 1.02	-80.7 ± 20.7	0.28	9.6
2011 135.0 to 2011 235.0	4.24 ± 0.87	-58.2 ± 11.8	2.15	74.3
2011 169.0 to 2011 269.0	2.49 ± 0.87	-59.4 ± 20.0	1.30	45.0
2011 203.0 to 2011 303.0	0.35 ± 1.21	-25.6 ± 198.1	2.74	94.6
2011 237.0 to 2011 337.0	1.79 ± 0.63	-52.9 ± 20.2	1.71	58.9
2011 271.0 to 2012 6.0	3.15 ± 0.69	-149.2 ± 12.6	3.18	109.5

Tidal comparson **S2**				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2008 148.0 to 2008 248.0	6.83 ± 0.35	37.9 ± 2.9	1.75	25.0
2008 170.0 to 2008 270.0	6.74 ± 0.32	46.2 ± 2.7	0.77	11.1
2008 192.0 to 2008 292.0	7.14 ± 0.37	56.4 ± 3.0	0.52	7.5
2008 214.0 to 2008 314.0	6.90 ± 0.48	53.4 ± 4.0	0.14	2.0
2008 238.0 to 2008 338.0	6.12 ± 0.22	50.3 ± 2.1	0.88	12.7
2008 260.0 to 2008 360.0	6.53 ± 0.24	57.7 ± 2.1	0.77	11.0
2008 282.0 to 2009 16.0	7.34 ± 0.28	54.6 ± 2.2	0.46	6.6
2008 304.0 to 2009 38.0	6.69 ± 0.30	50.0 ± 2.6	0.40	5.7
2008 326.0 to 2009 60.0	6.85 ± 0.30	52.5 ± 2.5	0.12	1.8
2008 348.0 to 2009 82.0	7.66 ± 0.31	48.6 ± 2.3	0.84	12.1
2009 4.0 to 2009 104.0	7.84 ± 0.32	53.2 ± 2.3	0.88	12.6
2009 13.0 to 2009 113.0	8.25 ± 0.32	49.9 ± 2.2	1.32	18.9
2009 37.0 to 2009 137.0	7.28 ± 0.37	55.2 ± 2.9	0.47	6.7
2009 61.0 to 2009 161.0	7.13 ± 0.35	53.0 ± 2.8	0.18	2.5
2009 85.0 to 2009 185.0	8.05 ± 0.34	48.9 ± 2.4	1.17	16.8
2009 109.0 to 2009 209.0	6.84 ± 0.23	45.4 ± 1.9	0.85	12.2
2009 133.0 to 2009 233.0	7.28 ± 0.32	48.5 ± 2.5	0.57	8.2
2009 157.0 to 2009 257.0	7.00 ± 0.38	48.2 ± 3.1	0.51	7.3
2009 181.0 to 2009 281.0	7.63 ± 0.34	53.4 ± 2.6	0.67	9.6
2009 205.0 to 2009 305.0	6.56 ± 0.27	54.0 ± 2.4	0.45	6.5
2009 229.0 to 2009 329.0	7.33 ± 0.27	55.2 ± 2.1	0.50	7.2
2009 253.0 to 2009 353.0	7.72 ± 0.39	56.6 ± 2.9	0.92	13.2
2009 287.0 to 2010 22.0	6.12 ± 0.40	62.3 ± 3.7	1.41	20.3
2009 321.0 to 2010 56.0	7.98 ± 0.41	52.1 ± 2.9	1.01	14.5
2009 355.0 to 2010 90.0	8.05 ± 0.44	53.0 ± 3.1	1.08	15.5
2010 24.0 to 2010 124.0	6.84 ± 0.38	48.5 ± 3.2	0.49	7.0
2010 58.0 to 2010 158.0	8.22 ± 0.36	46.1 ± 2.5	1.50	21.5
2010 92.0 to 2010 192.0	7.47 ± 0.30	50.7 ± 2.3	0.54	7.8
2010 126.0 to 2010 226.0	6.25 ± 0.26	51.2 ± 2.4	0.73	10.5
2010 160.0 to 2010 260.0	7.49 ± 0.27	47.5 ± 2.1	0.81	11.6
2010 194.0 to 2010 294.0	6.25 ± 0.30	49.8 ± 2.8	0.78	11.2
2010 228.0 to 2010 328.0	6.88 ± 0.32	50.4 ± 2.7	0.26	3.7
2010 262.0 to 2010 362.0	6.03 ± 0.33	46.2 ± 3.1	1.17	16.8
2010 296.0 to 2011 31.0	6.91 ± 0.55	55.6 ± 4.6	0.39	5.7
2010 330.0 to 2011 65.0	7.03 ± 0.59	53.2 ± 4.8	0.12	1.7
2010 364.0 to 2011 99.0	5.93 ± 0.50	50.7 ± 4.8	1.06	15.2
2011 33.0 to 2011 133.0	7.89 ± 0.55	54.4 ± 4.0	0.96	13.7
2011 67.0 to 2011 167.0	5.57 ± 0.46	43.5 ± 4.7	1.70	24.4
2011 101.0 to 2011 201.0	7.39 ± 0.42	47.9 ± 3.3	0.70	10.1
2011 135.0 to 2011 235.0	7.18 ± 0.40	54.5 ± 3.2	0.33	4.8
2011 169.0 to 2011 269.0	6.85 ± 0.54	51.6 ± 4.5	0.15	2.2
2011 203.0 to 2011 303.0	5.99 ± 0.70	51.0 ± 6.7	0.99	14.3
2011 237.0 to 2011 337.0	6.76 ± 0.28	59.1 ± 2.4	0.83	11.9
2011 271.0 to 2012 6.0	6.45 ± 0.31	56.4 ± 2.8	0.70	10.1