B036CH1 Comparison between current analysis and prior analysis

Pressure comparison			
time interval	Pressure Coef. counts/counts	Difference counts/counts	Percent change
2009 17.0 to 2009 117.0	-4.90038 ± 0.15051	0.02598	-0.5
2009 41.0 to 2009 141.0	-4.99586 ± 0.14667	-0.06950	1.4
2009 65.0 to 2009 165.0	-5.09035 ± 0.19355	-0.16399	3.3
2009 89.0 to 2009 189.0	-5.02826 ± 0.23111	-0.10190	2.1
2009 113.0 to 2009 213.0	-4.87359 ± 0.31201	0.05277	-1.1
2009 137.0 to 2009 237.0	-4.41470 ± 0.40944	0.51166	-10.4
2009 161.0 to 2009 261.0	-4.44750 ± 0.38744	0.47886	-9.7
2009 185.0 to 2009 285.0	-4.75145 ± 0.33202	0.17491	-3.6
2009 209.0 to 2009 309.0	-5.05659 ± 0.23330	-0.13023	2.6
2009 233.0 to 2009 333.0	-5.09089 ± 0.13321	-0.16453	3.3
2009 257.0 to 2009 357.0	-5.16148 ± 0.13045	-0.23512	4.8
2009 291.0 to 2010 26.0	-5.12352 ± 0.12659	-0.19716	4.0
2009 325.0 to 2010 60.0	-5.25959 ± 0.13424	-0.33323	6.8
2009 359.0 to 2010 94.0	-5.20609 ± 0.16389	-0.27973	5.7
2010 28.0 to 2010 128.0	-5.22968 ± 0.16580	-0.30332	6.2
2010 62.0 to 2010 162.0	-5.08626 ± 0.14569	-0.15990	3.2
2010 96.0 to 2010 196.0	-4.81894 ± 0.19229	0.10742	-2.2
2010 130.0 to 2010 230.0	-4.34289 ± 0.28591	0.58347	-11.8
2010 164.0 to 2010 264.0	-3.72871 ± 0.46046	1.19765	-24.3
2010 198.0 to 2010 298.0	-4.25722 ± 0.37410	0.66914	-13.6
2010 232.0 to 2010 332.0	-4.85368 ± 0.22990	0.07268	-1.5
2010 266.0 to 2011 1.0	-5.11966 ± 0.10017	-0.19330	3.9
2010 300.0 to 2011 35.0	-5.06888 ± 0.11713	-0.14252	2.9
2010 334.0 to 2011 69.0	-4.79962 ± 0.12585	0.12674	-2.6
2011 3.0 to 2011 103.0	-4.77540 ± 0.13735	0.15096	-3.1
2011 37.0 to 2011 137.0	-4.92636 ± 0.11938	0.00000	-0.0
2011 71.0 to 2011 171.0	-5.09659 ± 0.13761	-0.17023	3.5
2011 105.0 to 2011 205.0	-4.79587 ± 0.18750	0.13049	-2.6
2011 139.0 to 2011 239.0	-4.48818 ± 0.36162	0.43818	-8.9
2011 173.0 to 2011 273.0	-4.80921 ± 0.46338	0.11715	-2.4
2011 207.0 to 2011 307.0	-5.15379 ± 0.34964	-0.22743	4.6
2011 241.0 to 2011 341.0	-5.22338 ± 0.17534	-0.29702	6.0
2011 275.0 to 2012 10.0	-5.08798 ± 0.10104	-0.16162	3.3
2011 309.0 to 2012 44.0	-4.91562 ± 0.09089	0.01074	-0.2

Tidal comparson **M2**				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2009 17.0 to 2009 117.0	18.84 ± 0.14	-146.7 ± 0.4	0.16	0.9
2009 41.0 to 2009 141.0	18.74 ± 0.14	-146.7 ± 0.4	0.18	1.0
2009 65.0 to 2009 165.0	18.69 ± 0.16	-146.2 ± 0.5	0.35	1.9
2009 89.0 to 2009 189.0	18.86 ± 0.16	-146.0 ± 0.5	0.39	2.1
2009 113.0 to 2009 213.0	18.92 ± 0.21	-145.7 ± 0.6	0.50	2.7
2009 137.0 to 2009 237.0	18.93 ± 0.23	-145.8 ± 0.7	0.47	2.5
2009 161.0 to 2009 261.0	19.04 ± 0.21	-146.4 ± 0.6	0.34	1.8
2009 185.0 to 2009 285.0	18.93 ± 0.20	-147.4 ± 0.6	0.13	0.7
2009 209.0 to 2009 309.0	19.02 ± 0.17	-147.9 ± 0.5	0.31	1.6
2009 233.0 to 2009 333.0	18.88 ± 0.12	-147.5 ± 0.4	0.12	0.6
2009 257.0 to 2009 357.0	18.97 ± 0.13	-148.1 ± 0.4	0.33	1.8
2009 291.0 to 2010 26.0	18.84 ± 0.14	-147.5 ± 0.4	0.10	0.5
2009 325.0 to 2010 60.0	18.94 ± 0.14	-148.0 ± 0.4	0.29	1.5
2009 359.0 to 2010 94.0	18.86 ± 0.18	-148.3 ± 0.5	0.37	1.9
2010 28.0 to 2010 128.0	18.87 ± 0.17	-148.3 ± 0.5	0.37	2.0
2010 62.0 to 2010 162.0	18.81 ± 0.15	-148.2 ± 0.5	0.33	1.8
2010 96.0 to 2010 196.0	18.69 ± 0.16	-148.1 ± 0.5	0.33	1.7
2010 130.0 to 2010 230.0	18.65 ± 0.19	-147.1 ± 0.6	0.18	0.9
2010 164.0 to 2010 264.0	18.56 ± 0.23	-147.5 ± 0.7	0.28	1.5
2010 198.0 to 2010 298.0	18.62 ± 0.23	-146.6 ± 0.7	0.28	1.5
2010 232.0 to 2010 332.0	18.77 ± 0.18	-147.9 ± 0.5	0.24	1.3
2010 266.0 to 2011 1.0	18.70 ± 0.11	-147.5 ± 0.3	0.16	0.8
2010 300.0 to 2011 35.0	18.79 ± 0.12	-147.1 ± 0.4	0.04	0.2
2010 334.0 to 2011 69.0	18.75 ± 0.13	-147.0 ± 0.4	0.10	0.5
2011 3.0 to 2011 103.0	18.79 ± 0.14	-146.9 ± 0.4	0.10	0.5
2011 37.0 to 2011 137.0	18.76 ± 0.12	-146.9 ± 0.4	0.11	0.6
2011 71.0 to 2011 171.0	18.82 ± 0.13	-146.8 ± 0.4	0.13	0.7
2011 105.0 to 2011 205.0	18.80 ± 0.16	-147.0 ± 0.5	0.07	0.4
2011 139.0 to 2011 239.0	19.06 ± 0.21	-147.1 ± 0.6	0.24	1.3
2011 173.0 to 2011 273.0	18.95 ± 0.25	-147.1 ± 0.8	0.13	0.7
2011 207.0 to 2011 307.0	18.93 ± 0.21	-147.3 ± 0.6	0.11	0.6
2011 241.0 to 2011 341.0	18.80 ± 0.13	-147.3 ± 0.4	0.04	0.2
2011 275.0 to 2012 10.0	18.81 ± 0.09	-147.4 ± 0.3	0.07	0.4
2011 309.0 to 2012 44.0	18.85 ± 0.09	-147.4 ± 0.3	0.07	0.4

Tidal comparson **O1**				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2009 17.0 to 2009 117.0	10.73 ± 0.31	-160.3 ± 1.7	1.02	10.2
2009 41.0 to 2009 141.0	10.61 ± 0.31	-159.9 ± 1.7	0.88	8.8
2009 65.0 to 2009 165.0	10.93 ± 0.36	-157.1 ± 1.9	0.97	9.8
2009 89.0 to 2009 189.0	11.24 ± 0.38	-158.1 ± 1.9	1.31	13.1
2009 113.0 to 2009 213.0	11.52 ± 0.48	-159.2 ± 2.4	1.63	16.4
2009 137.0 to 2009 237.0	11.73 ± 0.54	-160.7 ± 2.6	1.93	19.4
2009 161.0 to 2009 261.0	11.19 ± 0.49	-160.9 ± 2.5	1.46	14.7
2009 185.0 to 2009 285.0	10.34 ± 0.46	-160.8 ± 2.5	0.84	8.4
2009 209.0 to 2009 309.0	10.26 ± 0.40	-159.3 ± 2.2	0.56	5.7
2009 233.0 to 2009 333.0	9.91 ± 0.28	-159.7 ± 1.6	0.54	5.4
2009 257.0 to 2009 357.0	9.88 ± 0.29	-157.7 ± 1.7	0.21	2.1
2009 291.0 to 2010 26.0	10.21 ± 0.31	-157.2 ± 1.7	0.27	2.7
2009 325.0 to 2010 60.0	10.45 ± 0.33	-158.0 ± 1.8	0.55	5.5
2009 359.0 to 2010 94.0	10.30 ± 0.41	-156.8 ± 2.3	0.34	3.4
2010 28.0 to 2010 128.0	10.04 ± 0.40	-158.3 ± 2.3	0.31	3.1
2010 62.0 to 2010 162.0	9.92 ± 0.35	-156.2 ± 2.0	0.08	0.8
2010 96.0 to 2010 196.0	10.38 ± 0.37	-155.2 ± 2.0	0.49	4.9
2010 130.0 to 2010 230.0	10.86 ± 0.44	-156.5 ± 2.3	0.90	9.0
2010 164.0 to 2010 264.0	10.06 ± 0.54	-154.8 ± 3.1	0.33	3.3
2010 198.0 to 2010 298.0	9.19 ± 0.53	-156.3 ± 3.3	0.77	7.8
2010 232.0 to 2010 332.0	8.94 ± 0.42	-151.1 ± 2.7	1.36	13.7
2010 266.0 to 2011 1.0	9.58 ± 0.25	-154.3 ± 1.5	0.55	5.5
2010 300.0 to 2011 35.0	9.64 ± 0.28	-154.7 ± 1.7	0.46	4.6
2010 334.0 to 2011 69.0	9.77 ± 0.31	-155.5 ± 1.8	0.27	2.7
2011 3.0 to 2011 103.0	9.63 ± 0.32	-154.9 ± 1.9	0.44	4.4
2011 37.0 to 2011 137.0	9.83 ± 0.29	-156.2 ± 1.7	0.15	1.5
2011 71.0 to 2011 171.0	9.99 ± 0.30	-156.3 ± 1.7	0.06	0.6
2011 105.0 to 2011 205.0	9.45 ± 0.36	-157.8 ± 2.2	0.55	5.5
2011 139.0 to 2011 239.0	8.73 ± 0.48	-154.3 ± 3.2	1.29	12.9
2011 173.0 to 2011 273.0	8.69 ± 0.58	-151.4 ± 3.8	1.53	15.3
2011 207.0 to 2011 307.0	9.07 ± 0.48	-155.1 ± 3.0	0.92	9.3
2011 241.0 to 2011 341.0	9.09 ± 0.31	-152.7 ± 2.0	1.08	10.9
2011 275.0 to 2012 10.0	8.93 ± 0.21	-155.1 ± 1.3	1.06	10.6
2011 309.0 to 2012 44.0	8.99 ± 0.21	-155.4 ± 1.3	0.99	9.9

Tidal comparson **K1**				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2009 17.0 to 2009 117.0	13.64 ± 1.28	-7.7 ± 5.4	2.08	17.9
2009 41.0 to 2009 141.0	14.56 ± 1.27	-30.4 ± 5.0	6.30	54.3
2009 65.0 to 2009 165.0	11.94 ± 1.48	-5.5 ± 7.1	0.33	2.8
2009 89.0 to 2009 189.0	12.86 ± 1.54	-37.8 ± 6.9	6.88	59.3
2009 113.0 to 2009 213.0	12.00 ± 1.96	26.1 ± 9.4	6.47	55.7
2009 137.0 to 2009 237.0	12.42 ± 2.19	-5.4 ± 10.1	0.81	7.0
2009 161.0 to 2009 261.0	13.50 ± 2.00	-19.2 ± 8.5	3.50	30.2
2009 185.0 to 2009 285.0	10.02 ± 1.88	27.3 ± 10.8	6.32	54.5
2009 209.0 to 2009 309.0	14.11 ± 1.63	11.8 ± 6.6	4.62	39.8
2009 233.0 to 2009 333.0	14.16 ± 1.10	-23.8 ± 4.5	4.78	41.2
2009 257.0 to 2009 357.0	12.67 ± 1.16	12.4 ± 5.2	3.95	34.0
2009 291.0 to 2010 26.0	11.34 ± 1.29	-22.3 ± 6.5	3.33	28.7
2009 325.0 to 2010 60.0	11.76 ± 1.35	-10.7 ± 6.6	1.04	8.9
2009 359.0 to 2010 94.0	12.62 ± 1.67	-14.1 ± 7.6	2.05	17.6
2010 28.0 to 2010 128.0	12.73 ± 1.60	-14.8 ± 7.2	2.24	19.3
2010 62.0 to 2010 162.0	12.35 ± 1.42	-13.9 ± 6.6	1.87	16.1
2010 96.0 to 2010 196.0	7.88 ± 1.49	9.9 ± 10.8	4.54	39.1
2010 130.0 to 2010 230.0	15.93 ± 1.79	10.8 ± 6.4	5.81	50.1
2010 164.0 to 2010 264.0	10.04 ± 2.21	10.9 ± 12.6	3.48	30.0
2010 198.0 to 2010 298.0	9.51 ± 2.16	16.3 ± 13.0	4.52	38.9
2010 232.0 to 2010 332.0	12.55 ± 1.71	9.2 ± 7.8	3.26	28.1
2010 266.0 to 2011 1.0	8.66 ± 0.97	8.5 ± 6.4	3.85	33.2
2010 300.0 to 2011 35.0	11.83 ± 1.11	-16.1 ± 5.4	2.14	18.5
2010 334.0 to 2011 69.0	11.23 ± 1.25	-6.3 ± 6.4	0.40	3.5
2011 3.0 to 2011 103.0	13.65 ± 1.30	-20.9 ± 5.5	3.91	33.7
2011 37.0 to 2011 137.0	10.37 ± 1.17	-15.3 ± 6.5	2.22	19.2
2011 71.0 to 2011 171.0	11.27 ± 1.21	12.8 ± 6.2	3.68	31.7
2011 105.0 to 2011 205.0	18.03 ± 1.43	-20.4 ± 4.5	7.41	63.9
2011 139.0 to 2011 239.0	4.91 ± 1.87	52.8 ± 21.8	9.96	85.8
2011 173.0 to 2011 273.0	18.23 ± 2.37	13.7 ± 7.4	8.23	70.9
2011 207.0 to 2011 307.0	6.02 ± 1.95	16.6 ± 18.6	6.46	55.6
2011 241.0 to 2011 341.0	10.35 ± 1.26	21.0 ± 7.0	5.21	44.9
2011 275.0 to 2012 10.0	10.13 ± 0.84	-3.3 ± 4.8	1.55	13.3
2011 309.0 to 2012 44.0	10.27 ± 0.86	-14.5 ± 4.8	2.15	18.5

Tidal comparson **S2**				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2009 17.0 to 2009 117.0	4.84 ± 0.54	38.5 ± 6.4	0.68	14.8
2009 41.0 to 2009 141.0	5.75 ± 0.53	54.8 ± 5.3	1.41	30.7
2009 65.0 to 2009 165.0	5.18 ± 0.61	59.5 ± 6.7	1.29	28.1
2009 89.0 to 2009 189.0	5.59 ± 0.64	37.9 ± 6.6	1.24	27.1
2009 113.0 to 2009 213.0	5.31 ± 0.81	54.6 ± 8.7	1.03	22.6
2009 137.0 to 2009 237.0	5.47 ± 0.92	49.2 ± 9.6	0.93	20.3
2009 161.0 to 2009 261.0	4.04 ± 0.83	14.0 ± 11.8	2.44	53.3
2009 185.0 to 2009 285.0	3.71 ± 0.80	46.6 ± 12.4	0.87	19.0
2009 209.0 to 2009 309.0	5.84 ± 0.67	52.2 ± 6.6	1.38	30.0
2009 233.0 to 2009 333.0	6.56 ± 0.46	39.6 ± 4.0	2.08	45.3
2009 257.0 to 2009 357.0	3.95 ± 0.49	44.8 ± 7.1	0.64	13.9
2009 291.0 to 2010 26.0	4.11 ± 0.54	52.3 ± 7.5	0.66	14.5
2009 325.0 to 2010 60.0	4.33 ± 0.56	46.1 ± 7.4	0.25	5.5
2009 359.0 to 2010 94.0	4.17 ± 0.70	46.6 ± 9.6	0.41	9.0
2010 28.0 to 2010 128.0	5.03 ± 0.68	41.0 ± 7.7	0.62	13.5
2010 62.0 to 2010 162.0	4.20 ± 0.60	53.4 ± 8.2	0.68	14.8
2010 96.0 to 2010 196.0	6.09 ± 0.62	48.7 ± 5.8	1.53	33.4
2010 130.0 to 2010 230.0	3.46 ± 0.74	77.0 ± 12.3	2.40	52.4
2010 164.0 to 2010 264.0	3.43 ± 0.91	20.3 ± 15.2	2.11	46.1
2010 198.0 to 2010 298.0	6.86 ± 0.90	37.2 ± 7.5	2.44	53.3
2010 232.0 to 2010 332.0	6.01 ± 0.71	58.1 ± 6.8	1.80	39.4
2010 266.0 to 2011 1.0	3.45 ± 0.39	46.8 ± 6.5	1.13	24.7
2010 300.0 to 2011 35.0	3.73 ± 0.47	47.5 ± 7.2	0.86	18.7
2010 334.0 to 2011 69.0	4.74 ± 0.55	46.4 ± 6.6	0.16	3.5
2011 3.0 to 2011 103.0	4.38 ± 0.54	42.0 ± 7.1	0.38	8.2
2011 37.0 to 2011 137.0	4.66 ± 0.49	51.7 ± 6.0	0.46	10.0
2011 71.0 to 2011 171.0	4.00 ± 0.51	47.4 ± 7.3	0.59	12.8
2011 105.0 to 2011 205.0	5.08 ± 0.56	44.4 ± 6.3	0.52	11.4
2011 139.0 to 2011 239.0	4.26 ± 0.78	38.8 ± 10.5	0.65	14.1
2011 173.0 to 2011 273.0	3.47 ± 1.03	40.7 ± 17.0	1.17	25.6
2011 207.0 to 2011 307.0	5.96 ± 0.81	45.0 ± 7.8	1.38	30.2
2011 241.0 to 2011 341.0	3.32 ± 0.53	40.4 ± 9.1	1.32	28.8
2011 275.0 to 2012 10.0	3.99 ± 0.35	43.0 ± 5.0	0.63	13.8
2011 309.0 to 2012 44.0	3.84 ± 0.36	44.1 ± 5.4	0.75	16.5