B028CH1 Comparison between current analysis and prior analysis

Pressure comparison			
time interval	Pressure Coef. counts/counts	Difference counts/counts	Percent change
2008 41.0 to 2008 141.0	-6.31734 ± 0.05820	-0.20470	3.3
2008 58.0 to 2008 158.0	-6.30246 ± 0.06539	-0.18982	3.1
2008 75.0 to 2008 175.0	-6.16873 ± 0.06920	-0.05609	0.9
2008 92.0 to 2008 192.0	-6.09471 ± 0.07319	0.01793	-0.3
2008 109.0 to 2008 209.0	-5.90212 ± 0.07899	0.21052	-3.4
2008 126.0 to 2008 226.0	-5.89578 ± 0.08148	0.21686	-3.5
2008 148.0 to 2008 248.0	-5.80803 ± 0.09139	0.30461	-5.0
2008 170.0 to 2008 270.0	-5.79511 ± 0.08935	0.31753	-5.2
2008 192.0 to 2008 292.0	-5.76409 ± 0.26442	0.34855	-5.7
2008 214.0 to 2008 314.0	-5.94963 ± 0.22571	0.16301	-2.7
2008 238.0 to 2008 338.0	-6.08066 ± 0.31039	0.03198	-0.5
2008 260.0 to 2008 360.0	-6.03996 ± 0.28891	0.07268	-1.2
2008 282.0 to 2009 16.0	-6.11264 ± 0.25278	0.00000	-0.0
2008 304.0 to 2009 38.0	-6.14258 ± 0.37216	-0.02994	0.5
2008 326.0 to 2009 60.0	-6.25094 ± 0.29444	-0.13830	2.3
2008 348.0 to 2009 82.0	-6.40148 ± 0.44167	-0.28884	4.7
2009 4.0 to 2009 104.0	-6.40950 ± 0.52579	-0.29686	4.9
2009 8.0 to 2009 108.0	-6.31755 ± 0.55362	-0.20491	3.4
2009 32.0 to 2009 132.0	-6.67181 ± 0.56977	-0.55917	9.1
2009 56.0 to 2009 156.0	-6.37926 ± 0.76556	-0.26662	4.4
2009 80.0 to 2009 180.0	-6.14931 ± 0.86192	-0.03667	0.6
2009 104.0 to 2009 204.0	-6.20941 ± 1.06198	-0.09677	1.6
2009 128.0 to 2009 228.0	-5.82021 ± 1.32849	0.29243	-4.8
2009 152.0 to 2009 252.0	-5.56039 ± 1.22276	0.55225	-9.0

Tidal comparson **M2**				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2008 41.0 to 2008 141.0	5.21 ± 0.06	82.2 ± 0.7	0.33	6.0
2008 58.0 to 2008 158.0	5.18 ± 0.06	82.1 ± 0.7	0.34	6.3
2008 75.0 to 2008 175.0	5.17 ± 0.06	82.2 ± 0.7	0.36	6.5
2008 92.0 to 2008 192.0	5.19 ± 0.05	81.4 ± 0.6	0.29	5.4
2008 109.0 to 2008 209.0	5.23 ± 0.06	81.7 ± 0.7	0.28	5.2
2008 126.0 to 2008 226.0	5.25 ± 0.05	81.1 ± 0.5	0.23	4.2
2008 148.0 to 2008 248.0	5.29 ± 0.06	81.1 ± 0.6	0.20	3.7
2008 170.0 to 2008 270.0	5.25 ± 0.05	80.8 ± 0.5	0.21	3.9
2008 192.0 to 2008 292.0	5.34 ± 0.16	80.1 ± 1.7	0.11	1.9
2008 214.0 to 2008 314.0	5.40 ± 0.17	79.6 ± 1.8	0.04	0.7
2008 238.0 to 2008 338.0	5.43 ± 0.28	80.1 ± 3.0	0.04	0.8
2008 260.0 to 2008 360.0	5.48 ± 0.29	79.3 ± 3.0	0.06	1.0
2008 282.0 to 2009 16.0	5.55 ± 0.31	76.2 ± 3.2	0.35	6.5
2008 304.0 to 2009 38.0	5.66 ± 0.47	75.8 ± 4.8	0.44	8.0
2008 326.0 to 2009 60.0	5.69 ± 0.36	75.9 ± 3.6	0.44	8.2
2008 348.0 to 2009 82.0	5.70 ± 0.55	72.7 ± 5.5	0.73	13.4
2009 4.0 to 2009 104.0	5.82 ± 0.56	74.9 ± 5.5	0.60	11.1
2009 8.0 to 2009 108.0	5.85 ± 0.57	75.1 ± 5.6	0.61	11.2
2009 32.0 to 2009 132.0	5.36 ± 0.60	75.9 ± 6.4	0.36	6.7
2009 56.0 to 2009 156.0	5.53 ± 0.75	78.0 ± 7.8	0.18	3.4
2009 80.0 to 2009 180.0	5.69 ± 0.73	80.9 ± 7.4	0.28	5.1
2009 104.0 to 2009 204.0	5.82 ± 0.81	80.1 ± 8.0	0.39	7.1
2009 128.0 to 2009 228.0	6.41 ± 0.81	80.5 ± 7.2	0.98	18.0
2009 152.0 to 2009 252.0	4.55 ± 0.73	78.7 ± 9.2	0.89	16.4

Tidal comparson **O1**				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2008 41.0 to 2008 141.0	5.87 ± 0.12	-25.4 ± 1.2	0.13	2.3
2008 58.0 to 2008 158.0	5.78 ± 0.12	-26.1 ± 1.2	0.02	0.3
2008 75.0 to 2008 175.0	5.81 ± 0.12	-26.4 ± 1.2	0.04	0.7
2008 92.0 to 2008 192.0	5.79 ± 0.12	-26.2 ± 1.2	0.02	0.3
2008 109.0 to 2008 209.0	5.79 ± 0.13	-27.1 ± 1.3	0.08	1.5
2008 126.0 to 2008 226.0	5.77 ± 0.12	-26.2 ± 1.2	0.01	0.2
2008 148.0 to 2008 248.0	5.90 ± 0.13	-26.4 ± 1.3	0.13	2.2
2008 170.0 to 2008 270.0	5.91 ± 0.12	-26.4 ± 1.2	0.14	2.4
2008 192.0 to 2008 292.0	5.76 ± 0.37	-27.2 ± 3.7	0.09	1.6
2008 214.0 to 2008 314.0	5.69 ± 0.39	-25.7 ± 3.9	0.10	1.8
2008 238.0 to 2008 338.0	5.29 ± 0.64	-23.7 ± 6.9	0.54	9.4
2008 260.0 to 2008 360.0	5.06 ± 0.67	-24.5 ± 7.6	0.73	12.7
2008 282.0 to 2009 16.0	5.60 ± 0.72	-33.0 ± 7.4	0.69	11.9
2008 304.0 to 2009 38.0	5.18 ± 1.08	-36.9 ± 11.9	1.17	20.3
2008 326.0 to 2009 60.0	5.73 ± 0.83	-34.0 ± 8.3	0.78	13.4
2008 348.0 to 2009 82.0	5.40 ± 1.27	-26.1 ± 13.5	0.37	6.5
2009 4.0 to 2009 104.0	4.58 ± 1.29	-22.8 ± 16.1	1.23	21.4
2009 8.0 to 2009 108.0	4.69 ± 1.32	-19.1 ± 16.1	1.26	21.9
2009 32.0 to 2009 132.0	5.64 ± 1.39	-21.3 ± 14.1	0.51	8.9
2009 56.0 to 2009 156.0	5.53 ± 1.74	-24.5 ± 18.0	0.30	5.2
2009 80.0 to 2009 180.0	7.10 ± 1.70	-25.8 ± 13.7	1.33	23.0
2009 104.0 to 2009 204.0	8.05 ± 1.86	-27.9 ± 13.2	2.28	39.6
2009 128.0 to 2009 228.0	6.78 ± 1.87	-25.3 ± 15.8	1.01	17.5
2009 152.0 to 2009 252.0	10.18 ± 1.67	-23.7 ± 9.4	4.42	76.5

Tidal comparson **K1**				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2008 41.0 to 2008 141.0	5.29 ± 0.49	145.9 ± 5.3	2.89	46.5
2008 58.0 to 2008 158.0	3.74 ± 0.51	141.0 ± 7.8	3.13	50.2
2008 75.0 to 2008 175.0	4.64 ± 0.50	122.1 ± 6.2	1.62	26.1
2008 92.0 to 2008 192.0	4.72 ± 0.49	128.7 ± 5.9	1.79	28.8
2008 109.0 to 2008 209.0	4.87 ± 0.53	130.6 ± 6.2	1.79	28.8
2008 126.0 to 2008 226.0	4.60 ± 0.48	103.6 ± 6.0	2.12	34.1
2008 148.0 to 2008 248.0	6.46 ± 0.54	122.0 ± 4.8	0.47	7.6
2008 170.0 to 2008 270.0	5.53 ± 0.49	129.8 ± 5.1	1.36	21.9
2008 192.0 to 2008 292.0	6.72 ± 1.50	111.3 ± 12.8	0.93	15.0
2008 214.0 to 2008 314.0	5.78 ± 1.61	110.3 ± 16.0	0.95	15.2
2008 238.0 to 2008 338.0	6.78 ± 2.57	120.1 ± 21.7	0.59	9.5
2008 260.0 to 2008 360.0	6.92 ± 2.70	118.4 ± 22.4	0.70	11.2
2008 282.0 to 2009 16.0	9.84 ± 2.93	145.0 ± 17.1	5.11	82.2
2008 304.0 to 2009 38.0	7.51 ± 4.39	125.2 ± 33.5	1.53	24.5
2008 326.0 to 2009 60.0	6.48 ± 3.40	105.8 ± 30.1	1.41	22.6
2008 348.0 to 2009 82.0	6.85 ± 5.16	164.8 ± 43.2	5.19	83.4
2009 4.0 to 2009 104.0	6.15 ± 5.23	96.6 ± 48.7	2.33	37.5
2009 8.0 to 2009 108.0	8.41 ± 5.33	93.2 ± 36.3	3.83	61.6
2009 32.0 to 2009 132.0	2.59 ± 5.73	105.4 ± 126.8	3.74	60.2
2009 56.0 to 2009 156.0	9.13 ± 7.06	139.7 ± 44.3	4.03	64.8
2009 80.0 to 2009 180.0	9.74 ± 6.90	39.9 ± 40.6	10.45	168.0
2009 104.0 to 2009 204.0	11.61 ± 7.53	-145.4 ± 37.2	13.76	221.1
2009 128.0 to 2009 228.0	13.94 ± 7.74	98.9 ± 31.8	8.33	133.9
2009 152.0 to 2009 252.0	7.38 ± 6.79	132.2 ± 52.7	2.01	32.2

Tidal comparson **S2**				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2008 41.0 to 2008 141.0	2.86 ± 0.23	-43.3 ± 4.6	0.18	6.0
2008 58.0 to 2008 158.0	2.73 ± 0.23	-54.7 ± 4.8	0.73	24.5
2008 75.0 to 2008 175.0	3.10 ± 0.22	-43.2 ± 4.1	0.16	5.4
2008 92.0 to 2008 192.0	3.32 ± 0.22	-33.7 ± 3.8	0.52	17.3
2008 109.0 to 2008 209.0	3.52 ± 0.22	-41.9 ± 3.6	0.53	17.7
2008 126.0 to 2008 226.0	3.05 ± 0.21	-37.8 ± 3.9	0.18	5.9
2008 148.0 to 2008 248.0	2.84 ± 0.23	-44.9 ± 4.6	0.25	8.4
2008 170.0 to 2008 270.0	3.43 ± 0.22	-46.5 ± 3.7	0.54	17.9
2008 192.0 to 2008 292.0	2.88 ± 0.65	-64.3 ± 12.9	1.19	39.9
2008 214.0 to 2008 314.0	2.69 ± 0.67	-44.2 ± 14.3	0.34	11.4
2008 238.0 to 2008 338.0	3.22 ± 1.08	-42.6 ± 19.2	0.24	8.2
2008 260.0 to 2008 360.0	2.73 ± 1.13	-55.6 ± 23.7	0.77	25.9
2008 282.0 to 2009 16.0	5.48 ± 1.23	-41.7 ± 12.9	2.49	83.2
2008 304.0 to 2009 38.0	1.50 ± 1.83	-68.5 ± 69.9	1.80	60.2
2008 326.0 to 2009 60.0	1.45 ± 1.42	-62.0 ± 56.1	1.72	57.5
2008 348.0 to 2009 82.0	1.30 ± 2.16	-67.4 ± 95.2	1.92	64.1
2009 4.0 to 2009 104.0	5.03 ± 2.18	-47.0 ± 24.8	2.08	69.5
2009 8.0 to 2009 108.0	4.92 ± 2.22	-43.0 ± 25.9	1.93	64.6
2009 32.0 to 2009 132.0	2.76 ± 2.39	-34.7 ± 49.6	0.39	13.0
2009 56.0 to 2009 156.0	0.49 ± 2.91	-40.8 ± 340.3	2.50	83.6
2009 80.0 to 2009 180.0	3.73 ± 2.89	-54.9 ± 44.4	1.10	36.6
2009 104.0 to 2009 204.0	3.07 ± 3.11	-27.7 ± 58.0	0.70	23.5
2009 128.0 to 2009 228.0	3.21 ± 3.21	-13.1 ± 57.3	1.51	50.4
2009 152.0 to 2009 252.0	4.64 ± 2.86	98.7 ± 35.3	7.19	240.2