B028CH0 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	-6.47083 ± 0.11094	0.04969	-0.8
2008 58.0 to 2008 158.0	-6.52777 ± 0.15570	-0.00725	0.1
2008 75.0 to 2008 175.0	-6.43911 ± 0.25226	0.08141	-1.2
2008 92.0 to 2008 192.0	-6.36371 ± 0.25796	0.15681	-2.4
2008 109.0 to 2008 209.0	-6.12912 ± 0.36763	0.39140	-6.0
2008 126.0 to 2008 226.0	-6.13413 ± 0.47533	0.38639	-5.9
2008 148.0 to 2008 248.0	-5.83325 ± 0.31308	0.68727	-10.5
2008 170.0 to 2008 270.0	-5.67276 ± 0.41547	0.84776	-13.0
2008 192.0 to 2008 292.0	-6.45878 ± 0.99616	0.06174	-0.9
2008 214.0 to 2008 314.0	-7.97773 ± 1.36611	-1.45721	22.3
2008 238.0 to 2008 338.0	-7.84713 ± 1.39500	-1.32661	20.3
2008 260.0 to 2008 360.0	-7.94113 ± 1.11405	-1.42061	21.8
2008 282.0 to 2009 16.0	-7.24818 ± 0.73324	-0.72766	11.2
2008 304.0 to 2009 38.0	-6.56139 ± 0.35604	-0.04087	0.6
2008 326.0 to 2009 60.0	-6.51602 ± 0.35285	0.00450	-0.1
2008 348.0 to 2009 82.0	-6.60705 ± 0.25512	-0.08653	1.3
2009 4.0 to 2009 104.0	-7.06506 ± 0.15461	-0.54454	8.4
2009 8.0 to 2009 108.0	-6.89373 ± 0.41520	-0.37321	5.7
2009 32.0 to 2009 132.0	-6.52052 ± 0.69196	0.00000	-0.0
2009 56.0 to 2009 156.0	-6.51483 ± 0.90480	0.00569	-0.1
2009 80.0 to 2009 180.0	-6.55298 ± 1.02614	-0.03246	0.5
2009 104.0 to 2009 204.0	-5.90186 ± 0.88016	0.61866	-9.5
2009 128.0 to 2009 228.0	-7.01335 ± 0.69104	-0.49283	7.6
2009 152.0 to 2009 252.0	-7.50849 ± 0.51692	-0.98797	15.2

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	15.00 ± 0.10	33.1 ± 0.4	0.75	5.1
2008 58.0 to 2008 158.0	14.88 ± 0.13	32.6 ± 0.5	0.57	3.9
2008 75.0 to 2008 175.0	14.74 ± 0.20	32.5 ± 0.8	0.48	3.3
2008 92.0 to 2008 192.0	14.78 ± 0.18	32.1 ± 0.7	0.41	2.8
2008 109.0 to 2008 209.0	14.78 ± 0.27	32.2 ± 1.0	0.43	3.0
2008 126.0 to 2008 226.0	14.72 ± 0.32	31.7 ± 1.2	0.29	2.0
2008 148.0 to 2008 248.0	14.69 ± 0.20	32.1 ± 0.8	0.37	2.5
2008 170.0 to 2008 270.0	14.69 ± 0.26	31.5 ± 1.0	0.23	1.6
2008 192.0 to 2008 292.0	14.34 ± 0.61	31.0 ± 2.4	0.24	1.7
2008 214.0 to 2008 314.0	14.69 ± 1.04	30.5 ± 4.1	0.13	0.9
2008 238.0 to 2008 338.0	14.75 ± 1.24	29.5 ± 4.8	0.36	2.5
2008 260.0 to 2008 360.0	14.53 ± 1.12	29.0 ± 4.4	0.44	3.0
2008 282.0 to 2009 16.0	14.21 ± 0.91	29.3 ± 3.7	0.51	3.5
2008 304.0 to 2009 38.0	14.31 ± 0.45	29.2 ± 1.8	0.47	3.2
2008 326.0 to 2009 60.0	14.36 ± 0.43	29.6 ± 1.7	0.36	2.4
2008 348.0 to 2009 82.0	14.40 ± 0.32	29.9 ± 1.3	0.27	1.9
2009 4.0 to 2009 104.0	14.68 ± 0.16	30.5 ± 0.6	0.12	0.8
2009 8.0 to 2009 108.0	14.86 ± 0.43	31.2 ± 1.7	0.31	2.1
2009 32.0 to 2009 132.0	14.48 ± 0.73	30.1 ± 2.9	0.18	1.3
2009 56.0 to 2009 156.0	14.02 ± 0.89	30.4 ± 3.6	0.56	3.8
2009 80.0 to 2009 180.0	14.21 ± 0.87	31.6 ± 3.5	0.42	2.9
2009 104.0 to 2009 204.0	14.48 ± 0.67	29.4 ± 2.7	0.35	2.4
2009 128.0 to 2009 228.0	14.75 ± 0.42	28.0 ± 1.6	0.72	4.9
2009 152.0 to 2009 252.0	15.18 ± 0.31	25.9 ± 1.2	1.39	9.6

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	7.58 ± 0.23	41.7 ± 1.7	0.38	5.3
2008 58.0 to 2008 158.0	7.35 ± 0.30	40.5 ± 2.3	0.11	1.5
2008 75.0 to 2008 175.0	7.21 ± 0.46	40.1 ± 3.7	0.05	0.7
2008 92.0 to 2008 192.0	7.32 ± 0.42	40.6 ± 3.3	0.09	1.3
2008 109.0 to 2008 209.0	7.43 ± 0.63	41.0 ± 4.9	0.21	2.9
2008 126.0 to 2008 226.0	7.23 ± 0.75	39.2 ± 5.9	0.11	1.5
2008 148.0 to 2008 248.0	6.80 ± 0.47	35.0 ± 4.0	0.77	10.6
2008 170.0 to 2008 270.0	6.76 ± 0.62	34.1 ± 5.3	0.88	12.2
2008 192.0 to 2008 292.0	6.61 ± 1.40	38.2 ± 12.1	0.69	9.5
2008 214.0 to 2008 314.0	9.03 ± 2.38	29.9 ± 15.1	2.28	31.4
2008 238.0 to 2008 338.0	8.94 ± 2.85	31.5 ± 18.3	2.06	28.4
2008 260.0 to 2008 360.0	8.81 ± 2.58	38.0 ± 16.8	1.58	21.7
2008 282.0 to 2009 16.0	9.69 ± 2.08	31.8 ± 12.3	2.71	37.4
2008 304.0 to 2009 38.0	6.75 ± 1.02	43.5 ± 8.7	0.66	9.1
2008 326.0 to 2009 60.0	6.81 ± 1.00	43.4 ± 8.4	0.61	8.4
2008 348.0 to 2009 82.0	7.33 ± 0.73	43.2 ± 5.7	0.41	5.6
2009 4.0 to 2009 104.0	6.82 ± 0.36	42.9 ± 3.0	0.56	7.7
2009 8.0 to 2009 108.0	6.14 ± 0.98	47.1 ± 9.1	1.39	19.1
2009 32.0 to 2009 132.0	5.67 ± 1.69	57.5 ± 17.1	2.51	34.6
2009 56.0 to 2009 156.0	6.54 ± 2.05	41.2 ± 18.0	0.73	10.1
2009 80.0 to 2009 180.0	7.38 ± 2.01	45.8 ± 15.6	0.74	10.3
2009 104.0 to 2009 204.0	6.75 ± 1.53	36.7 ± 13.0	0.65	9.0
2009 128.0 to 2009 228.0	7.78 ± 0.95	29.3 ± 7.0	1.50	20.7
2009 152.0 to 2009 252.0	6.78 ± 0.69	47.3 ± 5.8	1.01	13.9

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	11.88 ± 0.93	-157.5 ± 4.5	3.73	45.6
2008 58.0 to 2008 158.0	8.83 ± 1.24	-147.0 ± 8.0	1.34	16.3
2008 75.0 to 2008 175.0	7.42 ± 1.85	-152.1 ± 14.3	0.85	10.4
2008 92.0 to 2008 192.0	8.91 ± 1.75	-162.7 ± 11.3	1.37	16.8
2008 109.0 to 2008 209.0	8.75 ± 2.61	-151.5 ± 17.1	0.76	9.3
2008 126.0 to 2008 226.0	6.69 ± 2.94	-152.4 ± 25.2	1.52	18.6
2008 148.0 to 2008 248.0	10.23 ± 1.95	-159.6 ± 10.9	2.18	26.7
2008 170.0 to 2008 270.0	7.71 ± 2.46	-176.1 ± 18.3	2.96	36.2
2008 192.0 to 2008 292.0	11.32 ± 5.69	-166.7 ± 28.8	3.71	45.4
2008 214.0 to 2008 314.0	9.60 ± 9.75	166.8 ± 58.2	5.99	73.2
2008 238.0 to 2008 338.0	6.85 ± 11.51	116.8 ± 96.3	10.51	128.5
2008 260.0 to 2008 360.0	13.19 ± 10.37	-131.2 ± 45.0	6.58	80.4
2008 282.0 to 2009 16.0	7.02 ± 8.49	157.8 ± 69.3	6.19	75.7
2008 304.0 to 2009 38.0	6.60 ± 4.18	168.7 ± 36.3	4.86	59.4
2008 326.0 to 2009 60.0	14.86 ± 4.05	-162.8 ± 15.6	6.85	83.8
2008 348.0 to 2009 82.0	6.24 ± 2.94	-144.7 ± 27.0	2.32	28.3
2009 4.0 to 2009 104.0	14.50 ± 1.46	-137.8 ± 5.8	7.10	86.8
2009 8.0 to 2009 108.0	7.00 ± 3.97	-144.3 ± 32.5	1.83	22.3
2009 32.0 to 2009 132.0	8.49 ± 6.95	145.9 ± 46.9	8.24	100.8
2009 56.0 to 2009 156.0	13.75 ± 8.32	-132.0 ± 34.7	6.98	85.4
2009 80.0 to 2009 180.0	13.20 ± 8.20	-175.0 ± 35.6	6.20	75.8
2009 104.0 to 2009 204.0	2.94 ± 6.19	-171.2 ± 120.6	5.42	66.3
2009 128.0 to 2009 228.0	12.14 ± 3.97	-112.8 ± 18.7	8.18	100.0
2009 152.0 to 2009 252.0	9.35 ± 2.79	-142.1 ± 17.1	2.27	27.8

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	4.63 ± 0.41	-165.0 ± 5.1	0.80	16.4
2008 58.0 to 2008 158.0	5.07 ± 0.52	-151.9 ± 5.9	0.39	7.9
2008 75.0 to 2008 175.0	5.15 ± 0.77	-154.7 ± 8.6	0.27	5.5
2008 92.0 to 2008 192.0	5.02 ± 0.76	-154.1 ± 8.7	0.20	4.0
2008 109.0 to 2008 209.0	4.46 ± 1.03	-148.4 ± 13.2	0.75	15.4
2008 126.0 to 2008 226.0	4.29 ± 1.21	-152.2 ± 16.2	0.68	13.8
2008 148.0 to 2008 248.0	4.60 ± 0.79	-142.9 ± 9.8	1.12	22.8
2008 170.0 to 2008 270.0	4.23 ± 1.05	-153.9 ± 14.2	0.69	14.0
2008 192.0 to 2008 292.0	4.89 ± 2.45	-166.1 ± 28.7	0.87	17.8
2008 214.0 to 2008 314.0	4.33 ± 4.04	-149.5 ± 53.5	0.77	15.7
2008 238.0 to 2008 338.0	6.09 ± 4.81	-152.0 ± 45.3	1.25	25.5
2008 260.0 to 2008 360.0	9.62 ± 4.36	-167.3 ± 26.0	4.91	100.3
2008 282.0 to 2009 16.0	6.60 ± 3.55	-146.9 ± 30.8	1.92	39.2
2008 304.0 to 2009 38.0	3.38 ± 1.75	-147.8 ± 29.7	1.62	33.2
2008 326.0 to 2009 60.0	3.04 ± 1.70	174.0 ± 32.0	2.73	55.8
2008 348.0 to 2009 82.0	6.69 ± 1.24	-170.2 ± 10.6	2.29	46.7
2009 4.0 to 2009 104.0	4.95 ± 0.64	-176.6 ± 7.4	1.77	36.1
2009 8.0 to 2009 108.0	4.08 ± 1.67	160.6 ± 23.5	3.41	69.7
2009 32.0 to 2009 132.0	5.06 ± 2.90	-170.8 ± 32.8	1.30	26.6
2009 56.0 to 2009 156.0	4.30 ± 3.44	-137.5 ± 45.8	1.59	32.4
2009 80.0 to 2009 180.0	4.08 ± 3.44	-142.4 ± 48.3	1.33	27.2
2009 104.0 to 2009 204.0	4.68 ± 2.58	-164.4 ± 31.6	0.74	15.2
2009 128.0 to 2009 228.0	5.20 ± 1.66	-169.6 ± 18.3	1.24	25.3
2009 152.0 to 2009 252.0	5.08 ± 1.20	-113.3 ± 13.5	3.63	74.1