B028CH2 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	-4.96315 ± 0.08279	-0.03281	0.7
2008 58.0 to 2008 158.0	-4.97706 ± 0.08610	-0.04672	0.9
2008 75.0 to 2008 175.0	-4.89849 ± 0.09313	0.03185	-0.6
2008 92.0 to 2008 192.0	-4.83151 ± 0.12258	0.09883	-2.0
2008 109.0 to 2008 209.0	-4.86620 ± 0.15542	0.06414	-1.3
2008 126.0 to 2008 226.0	-5.16640 ± 0.64637	-0.23606	4.8
2008 148.0 to 2008 248.0	-4.94649 ± 0.52954	-0.01615	0.3
2008 170.0 to 2008 270.0	-4.81348 ± 0.78541	0.11686	-2.4
2008 192.0 to 2008 292.0	-5.91818 ± 0.85947	-0.98784	20.0
2008 214.0 to 2008 314.0	-5.31696 ± 0.41253	-0.38662	7.8
2008 238.0 to 2008 338.0	-4.93034 ± 0.33740	0.00000	-0.0
2008 260.0 to 2008 360.0	-4.88378 ± 0.33371	0.04656	-0.9
2008 282.0 to 2009 16.0	-4.68340 ± 0.24242	0.24694	-5.0
2008 304.0 to 2009 38.0	-4.73023 ± 0.19388	0.20011	-4.1
2008 326.0 to 2009 60.0	-4.76984 ± 0.08143	0.16050	-3.3
2008 348.0 to 2009 82.0	-4.89454 ± 0.05681	0.03580	-0.7
2009 4.0 to 2009 104.0	-4.93956 ± 0.08325	-0.00922	0.2
2009 8.0 to 2009 108.0	-5.18912 ± 0.09841	-0.25878	5.2
2009 32.0 to 2009 132.0	-5.17158 ± 0.42648	-0.24124	4.9
2009 56.0 to 2009 156.0	-5.06000 ± 0.40869	-0.12966	2.6
2009 80.0 to 2009 180.0	-5.13442 ± 0.47925	-0.20408	4.1
2009 104.0 to 2009 204.0	-5.18972 ± 0.12609	-0.25938	5.3
2009 128.0 to 2009 228.0	-4.91852 ± 0.11367	0.01182	-0.2
2009 152.0 to 2009 252.0	-4.91093 ± 0.11622	0.01941	-0.4

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	10.72 ± 0.07	-148.4 ± 0.4	0.89	8.4
2008 58.0 to 2008 158.0	10.66 ± 0.07	-148.3 ± 0.4	0.89	8.5
2008 75.0 to 2008 175.0	10.65 ± 0.07	-148.6 ± 0.4	0.83	7.9
2008 92.0 to 2008 192.0	10.65 ± 0.09	-148.9 ± 0.5	0.78	7.4
2008 109.0 to 2008 209.0	10.97 ± 0.11	-150.2 ± 0.6	0.70	6.6
2008 126.0 to 2008 226.0	10.70 ± 0.43	-151.3 ± 2.3	0.37	3.5
2008 148.0 to 2008 248.0	10.75 ± 0.34	-152.0 ± 1.8	0.30	2.8
2008 170.0 to 2008 270.0	10.53 ± 0.50	-152.9 ± 2.7	0.03	0.3
2008 192.0 to 2008 292.0	10.40 ± 0.52	-153.4 ± 2.9	0.14	1.3
2008 214.0 to 2008 314.0	10.43 ± 0.31	-152.0 ± 1.7	0.22	2.1
2008 238.0 to 2008 338.0	10.20 ± 0.30	-153.8 ± 1.7	0.35	3.4
2008 260.0 to 2008 360.0	10.41 ± 0.34	-154.2 ± 1.9	0.24	2.3
2008 282.0 to 2009 16.0	10.41 ± 0.30	-153.5 ± 1.7	0.14	1.3
2008 304.0 to 2009 38.0	10.33 ± 0.24	-154.4 ± 1.3	0.31	3.0
2008 326.0 to 2009 60.0	10.52 ± 0.10	-153.8 ± 0.5	0.14	1.3
2008 348.0 to 2009 82.0	10.82 ± 0.07	-152.9 ± 0.4	0.29	2.8
2009 4.0 to 2009 104.0	10.81 ± 0.09	-152.5 ± 0.5	0.30	2.9
2009 8.0 to 2009 108.0	10.81 ± 0.10	-153.7 ± 0.5	0.31	2.9
2009 32.0 to 2009 132.0	10.87 ± 0.45	-154.0 ± 2.4	0.38	3.7
2009 56.0 to 2009 156.0	10.84 ± 0.40	-153.9 ± 2.1	0.35	3.3
2009 80.0 to 2009 180.0	10.78 ± 0.41	-155.0 ± 2.2	0.44	4.2
2009 104.0 to 2009 204.0	10.78 ± 0.10	-155.1 ± 0.5	0.45	4.3
2009 128.0 to 2009 228.0	10.72 ± 0.07	-155.1 ± 0.4	0.42	4.0
2009 152.0 to 2009 252.0	10.69 ± 0.07	-156.5 ± 0.4	0.66	6.2

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	6.66 ± 0.17	-134.9 ± 1.5	0.39	5.5
2008 58.0 to 2008 158.0	6.78 ± 0.17	-134.6 ± 1.4	0.32	4.6
2008 75.0 to 2008 175.0	6.81 ± 0.17	-134.0 ± 1.4	0.36	5.2
2008 92.0 to 2008 192.0	6.74 ± 0.20	-134.3 ± 1.7	0.37	5.3
2008 109.0 to 2008 209.0	6.29 ± 0.26	-130.7 ± 2.4	0.98	14.0
2008 126.0 to 2008 226.0	6.50 ± 1.01	-128.9 ± 8.9	1.03	14.7
2008 148.0 to 2008 248.0	6.77 ± 0.81	-130.5 ± 6.9	0.76	10.9
2008 170.0 to 2008 270.0	7.45 ± 1.17	-127.5 ± 9.0	1.23	17.6
2008 192.0 to 2008 292.0	7.79 ± 1.21	-131.4 ± 8.9	1.04	14.9
2008 214.0 to 2008 314.0	7.81 ± 0.72	-136.2 ± 5.3	0.82	11.7
2008 238.0 to 2008 338.0	8.23 ± 0.68	-138.7 ± 4.7	1.27	18.2
2008 260.0 to 2008 360.0	7.74 ± 0.78	-140.2 ± 5.8	0.88	12.6
2008 282.0 to 2009 16.0	7.52 ± 0.69	-139.1 ± 5.3	0.62	8.8
2008 304.0 to 2009 38.0	7.46 ± 0.56	-139.9 ± 4.3	0.63	9.0
2008 326.0 to 2009 60.0	7.07 ± 0.22	-140.0 ± 1.8	0.43	6.1
2008 348.0 to 2009 82.0	6.93 ± 0.16	-138.2 ± 1.3	0.21	2.9
2009 4.0 to 2009 104.0	6.81 ± 0.20	-137.3 ± 1.7	0.20	2.9
2009 8.0 to 2009 108.0	6.57 ± 0.22	-143.1 ± 1.9	0.88	12.6
2009 32.0 to 2009 132.0	6.47 ± 1.05	-147.4 ± 9.3	1.37	19.6
2009 56.0 to 2009 156.0	6.43 ± 0.93	-145.6 ± 8.3	1.19	17.1
2009 80.0 to 2009 180.0	6.28 ± 0.94	-147.2 ± 8.6	1.42	20.3
2009 104.0 to 2009 204.0	6.48 ± 0.21	-141.6 ± 1.9	0.78	11.2
2009 128.0 to 2009 228.0	6.71 ± 0.16	-134.1 ± 1.4	0.41	5.8
2009 152.0 to 2009 252.0	6.85 ± 0.16	-137.2 ± 1.3	0.16	2.3

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	7.78 ± 0.68	11.6 ± 5.0	1.59	17.1
2008 58.0 to 2008 158.0	10.71 ± 0.68	13.5 ± 3.6	1.48	16.0
2008 75.0 to 2008 175.0	10.90 ± 0.67	18.8 ± 3.5	1.74	18.8
2008 92.0 to 2008 192.0	8.09 ± 0.83	9.5 ± 5.9	1.47	15.9
2008 109.0 to 2008 209.0	8.35 ± 1.06	49.6 ± 7.3	5.26	56.8
2008 126.0 to 2008 226.0	10.67 ± 3.99	31.5 ± 21.4	3.13	33.7
2008 148.0 to 2008 248.0	11.44 ± 3.34	6.0 ± 16.7	2.75	29.7
2008 170.0 to 2008 270.0	8.08 ± 4.68	33.0 ± 33.2	2.91	31.4
2008 192.0 to 2008 292.0	11.49 ± 4.90	16.8 ± 24.4	2.24	24.2
2008 214.0 to 2008 314.0	9.65 ± 2.94	23.8 ± 17.5	1.44	15.6
2008 238.0 to 2008 338.0	8.54 ± 2.75	16.7 ± 18.5	0.75	8.1
2008 260.0 to 2008 360.0	11.00 ± 3.13	31.1 ± 16.3	3.26	35.2
2008 282.0 to 2009 16.0	10.04 ± 2.82	27.0 ± 16.1	2.10	22.7
2008 304.0 to 2009 38.0	7.66 ± 2.27	-9.2 ± 17.0	3.93	42.4
2008 326.0 to 2009 60.0	7.83 ± 0.89	40.7 ± 6.5	4.00	43.2
2008 348.0 to 2009 82.0	8.48 ± 0.64	20.3 ± 4.3	1.09	11.8
2009 4.0 to 2009 104.0	9.30 ± 0.81	9.5 ± 5.0	0.95	10.3
2009 8.0 to 2009 108.0	16.27 ± 0.89	-17.5 ± 3.1	9.87	106.5
2009 32.0 to 2009 132.0	3.49 ± 4.31	28.8 ± 70.8	5.93	64.0
2009 56.0 to 2009 156.0	9.00 ± 3.77	-7.0 ± 24.0	3.55	38.3
2009 80.0 to 2009 180.0	13.04 ± 3.84	8.3 ± 16.9	4.01	43.3
2009 104.0 to 2009 204.0	6.34 ± 0.84	-64.2 ± 7.6	10.23	110.5
2009 128.0 to 2009 228.0	10.13 ± 0.66	9.8 ± 3.7	1.28	13.8
2009 152.0 to 2009 252.0	8.17 ± 0.63	3.5 ± 4.4	2.10	22.7

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	0.89 ± 0.28	99.7 ± 18.0	0.69	72.0
2008 58.0 to 2008 158.0	0.60 ± 0.29	26.6 ± 27.7	0.53	55.0
2008 75.0 to 2008 175.0	1.20 ± 0.28	28.9 ± 13.4	0.56	58.1
2008 92.0 to 2008 192.0	1.34 ± 0.36	33.1 ± 15.4	0.59	61.4
2008 109.0 to 2008 209.0	1.08 ± 0.43	-100.7 ± 22.8	2.00	208.1
2008 126.0 to 2008 226.0	1.69 ± 1.63	128.3 ± 55.3	1.67	173.9
2008 148.0 to 2008 248.0	1.57 ± 1.34	14.7 ± 48.9	1.06	110.4
2008 170.0 to 2008 270.0	1.36 ± 1.98	37.2 ± 83.4	0.55	57.0
2008 192.0 to 2008 292.0	1.01 ± 2.11	103.2 ± 119.7	0.79	82.2
2008 214.0 to 2008 314.0	1.33 ± 1.22	-154.6 ± 52.6	2.21	230.3
2008 238.0 to 2008 338.0	2.57 ± 1.16	114.9 ± 25.9	2.23	232.3
2008 260.0 to 2008 360.0	1.20 ± 1.32	-6.2 ± 63.0	1.14	118.2
2008 282.0 to 2009 16.0	0.85 ± 1.17	-26.0 ± 78.9	1.19	124.0
2008 304.0 to 2009 38.0	1.21 ± 0.95	87.2 ± 45.0	0.63	65.7
2008 326.0 to 2009 60.0	2.82 ± 0.39	99.0 ± 7.9	2.22	230.8
2008 348.0 to 2009 82.0	0.62 ± 0.28	34.5 ± 25.9	0.45	46.4
2009 4.0 to 2009 104.0	1.10 ± 0.34	56.9 ± 17.7	0.14	14.6
2009 8.0 to 2009 108.0	2.60 ± 0.40	86.3 ± 8.8	1.84	191.1
2009 32.0 to 2009 132.0	1.47 ± 1.79	91.2 ± 69.8	0.88	91.7
2009 56.0 to 2009 156.0	0.25 ± 1.55	-108.4 ± 355.2	1.20	125.3
2009 80.0 to 2009 180.0	1.01 ± 1.61	47.8 ± 91.3	0.15	15.6
2009 104.0 to 2009 204.0	2.62 ± 0.37	48.1 ± 8.1	1.67	174.3
2009 128.0 to 2009 228.0	1.17 ± 0.28	42.9 ± 13.7	0.32	33.4
2009 152.0 to 2009 252.0	1.68 ± 0.27	25.1 ± 9.2	0.99	102.9