B036CH2 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	-3.95344 ± 0.05929	-0.09951	2.6
2009 41.0 to 2009 141.0	-3.96053 ± 0.06162	-0.10660	2.8
2009 65.0 to 2009 165.0	-3.83429 ± 0.08214	0.01964	-0.5
2009 89.0 to 2009 189.0	-3.62306 ± 0.09898	0.23087	-6.0
2009 113.0 to 2009 213.0	-3.63782 ± 0.12947	0.21611	-5.6
2009 137.0 to 2009 237.0	-3.42047 ± 0.14916	0.43346	-11.2
2009 161.0 to 2009 261.0	-3.52726 ± 0.14381	0.32667	-8.5
2009 185.0 to 2009 285.0	-3.77800 ± 0.12330	0.07593	-2.0
2009 209.0 to 2009 309.0	-3.93474 ± 0.08945	-0.08081	2.1
2009 233.0 to 2009 333.0	-4.07028 ± 0.05739	-0.21635	5.6
2009 257.0 to 2009 357.0	-4.09927 ± 0.05662	-0.24534	6.4
2009 291.0 to 2010 26.0	-4.07480 ± 0.04734	-0.22087	5.7
2009 325.0 to 2010 60.0	-4.06346 ± 0.06480	-0.20953	5.4
2009 359.0 to 2010 94.0	-4.08943 ± 0.06937	-0.23550	6.1
2010 28.0 to 2010 128.0	-4.04395 ± 0.06856	-0.19002	4.9
2010 62.0 to 2010 162.0	-3.99875 ± 0.05596	-0.14482	3.8
2010 96.0 to 2010 196.0	-3.74032 ± 0.07605	0.11361	-2.9
2010 130.0 to 2010 230.0	-3.54175 ± 0.12259	0.31218	-8.1
2010 164.0 to 2010 264.0	-3.12891 ± 0.20863	0.72502	-18.8
2010 198.0 to 2010 298.0	-3.40338 ± 0.17219	0.45055	-11.7
2010 232.0 to 2010 332.0	-3.74166 ± 0.11194	0.11227	-2.9
2010 266.0 to 2011 1.0	-3.92356 ± 0.05389	-0.06963	1.8
2010 300.0 to 2011 35.0	-3.97349 ± 0.05538	-0.11956	3.1
2010 334.0 to 2011 69.0	-3.84652 ± 0.06274	0.00741	-0.2
2011 3.0 to 2011 103.0	-3.81357 ± 0.06523	0.04036	-1.0
2011 37.0 to 2011 137.0	-3.85393 ± 0.06086	0.00000	-0.0
2011 71.0 to 2011 171.0	-3.87733 ± 0.06510	-0.02340	0.6
2011 105.0 to 2011 205.0	-3.69961 ± 0.08044	0.15432	-4.0
2011 139.0 to 2011 239.0	-3.55024 ± 0.13234	0.30369	-7.9
2011 173.0 to 2011 273.0	-3.81208 ± 0.19004	0.04185	-1.1
2011 207.0 to 2011 307.0	-4.00054 ± 0.14848	-0.14661	3.8
2011 241.0 to 2011 341.0	-4.02478 ± 0.07857	-0.17085	4.4
2011 275.0 to 2012 10.0	-3.97123 ± 0.04784	-0.11730	3.0

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	6.67 ± 0.05	-8.4 ± 0.4	0.04	0.6
2009 41.0 to 2009 141.0	6.66 ± 0.06	-8.4 ± 0.5	0.04	0.6
2009 65.0 to 2009 165.0	6.66 ± 0.07	-8.8 ± 0.6	0.09	1.3
2009 89.0 to 2009 189.0	6.63 ± 0.07	-9.0 ± 0.6	0.12	1.8
2009 113.0 to 2009 213.0	6.62 ± 0.09	-8.9 ± 0.8	0.11	1.7
2009 137.0 to 2009 237.0	6.63 ± 0.09	-8.5 ± 0.8	0.07	1.0
2009 161.0 to 2009 261.0	6.61 ± 0.08	-8.2 ± 0.7	0.06	0.9
2009 185.0 to 2009 285.0	6.60 ± 0.08	-6.8 ± 0.7	0.16	2.4
2009 209.0 to 2009 309.0	6.57 ± 0.06	-6.8 ± 0.5	0.17	2.6
2009 233.0 to 2009 333.0	6.65 ± 0.05	-7.0 ± 0.4	0.12	1.8
2009 257.0 to 2009 357.0	6.60 ± 0.05	-6.7 ± 0.4	0.17	2.5
2009 291.0 to 2010 26.0	6.60 ± 0.05	-7.7 ± 0.4	0.08	1.1
2009 325.0 to 2010 60.0	6.58 ± 0.07	-7.8 ± 0.6	0.09	1.3
2009 359.0 to 2010 94.0	6.61 ± 0.08	-8.1 ± 0.7	0.06	0.8
2010 28.0 to 2010 128.0	6.66 ± 0.07	-8.9 ± 0.6	0.10	1.5
2010 62.0 to 2010 162.0	6.68 ± 0.06	-9.0 ± 0.5	0.11	1.7
2010 96.0 to 2010 196.0	6.61 ± 0.06	-7.9 ± 0.5	0.06	0.9
2010 130.0 to 2010 230.0	6.71 ± 0.08	-8.1 ± 0.7	0.04	0.7
2010 164.0 to 2010 264.0	6.70 ± 0.11	-7.2 ± 0.9	0.10	1.5
2010 198.0 to 2010 298.0	6.85 ± 0.10	-8.7 ± 0.8	0.20	3.0
2010 232.0 to 2010 332.0	6.76 ± 0.09	-7.9 ± 0.8	0.10	1.4
2010 266.0 to 2011 1.0	6.81 ± 0.06	-7.8 ± 0.5	0.15	2.2
2010 300.0 to 2011 35.0	6.76 ± 0.06	-7.9 ± 0.5	0.10	1.4
2010 334.0 to 2011 69.0	6.76 ± 0.07	-7.7 ± 0.6	0.10	1.5
2011 3.0 to 2011 103.0	6.72 ± 0.07	-8.5 ± 0.6	0.08	1.2
2011 37.0 to 2011 137.0	6.74 ± 0.06	-9.0 ± 0.5	0.14	2.0
2011 71.0 to 2011 171.0	6.74 ± 0.06	-9.3 ± 0.5	0.17	2.5
2011 105.0 to 2011 205.0	6.78 ± 0.07	-9.3 ± 0.6	0.19	2.8
2011 139.0 to 2011 239.0	6.69 ± 0.07	-8.5 ± 0.6	0.06	0.9
2011 173.0 to 2011 273.0	6.68 ± 0.10	-7.7 ± 0.9	0.04	0.6
2011 207.0 to 2011 307.0	6.70 ± 0.09	-7.2 ± 0.8	0.10	1.5
2011 241.0 to 2011 341.0	6.76 ± 0.06	-7.2 ± 0.5	0.14	2.0
2011 275.0 to 2012 10.0	6.85 ± 0.04	-7.2 ± 0.3	0.21	3.1

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	5.69 ± 0.12	94.5 ± 1.2	0.59	11.3
2009 41.0 to 2009 141.0	5.73 ± 0.13	95.5 ± 1.3	0.58	11.0
2009 65.0 to 2009 165.0	5.74 ± 0.15	95.7 ± 1.5	0.58	11.1
2009 89.0 to 2009 189.0	5.82 ± 0.16	97.0 ± 1.6	0.62	11.9
2009 113.0 to 2009 213.0	5.73 ± 0.20	98.1 ± 2.0	0.52	9.9
2009 137.0 to 2009 237.0	5.72 ± 0.19	96.0 ± 1.9	0.55	10.5
2009 161.0 to 2009 261.0	5.64 ± 0.18	95.0 ± 1.8	0.52	10.0
2009 185.0 to 2009 285.0	5.51 ± 0.17	93.2 ± 1.8	0.55	10.5
2009 209.0 to 2009 309.0	5.54 ± 0.15	92.5 ± 1.6	0.62	11.9
2009 233.0 to 2009 333.0	5.54 ± 0.12	93.1 ± 1.2	0.57	11.0
2009 257.0 to 2009 357.0	5.36 ± 0.13	96.2 ± 1.4	0.23	4.4
2009 291.0 to 2010 26.0	5.37 ± 0.12	99.7 ± 1.3	0.21	4.1
2009 325.0 to 2010 60.0	5.40 ± 0.16	100.9 ± 1.7	0.32	6.1
2009 359.0 to 2010 94.0	5.43 ± 0.17	99.4 ± 1.8	0.25	4.8
2010 28.0 to 2010 128.0	5.48 ± 0.17	97.6 ± 1.8	0.27	5.2
2010 62.0 to 2010 162.0	5.29 ± 0.13	98.6 ± 1.4	0.09	1.7
2010 96.0 to 2010 196.0	5.20 ± 0.14	98.9 ± 1.5	0.07	1.4
2010 130.0 to 2010 230.0	5.19 ± 0.19	101.2 ± 2.1	0.28	5.4
2010 164.0 to 2010 264.0	5.14 ± 0.24	97.3 ± 2.7	0.10	2.0
2010 198.0 to 2010 298.0	5.18 ± 0.24	95.1 ± 2.7	0.28	5.3
2010 232.0 to 2010 332.0	4.89 ± 0.20	95.4 ± 2.3	0.40	7.7
2010 266.0 to 2011 1.0	4.94 ± 0.13	99.8 ± 1.5	0.31	5.9
2010 300.0 to 2011 35.0	5.05 ± 0.13	99.0 ± 1.5	0.18	3.4
2010 334.0 to 2011 69.0	5.04 ± 0.15	99.7 ± 1.7	0.22	4.3
2011 3.0 to 2011 103.0	4.87 ± 0.15	98.7 ± 1.8	0.35	6.6
2011 37.0 to 2011 137.0	4.94 ± 0.15	101.0 ± 1.7	0.37	7.1
2011 71.0 to 2011 171.0	5.00 ± 0.14	101.4 ± 1.6	0.36	6.9
2011 105.0 to 2011 205.0	5.13 ± 0.16	100.3 ± 1.8	0.21	4.1
2011 139.0 to 2011 239.0	4.85 ± 0.17	97.1 ± 2.0	0.37	7.2
2011 173.0 to 2011 273.0	4.62 ± 0.24	96.8 ± 3.0	0.60	11.6
2011 207.0 to 2011 307.0	4.94 ± 0.20	100.0 ± 2.3	0.32	6.1
2011 241.0 to 2011 341.0	4.72 ± 0.14	100.2 ± 1.7	0.52	10.0
2011 275.0 to 2012 10.0	5.03 ± 0.10	99.1 ± 1.1	0.20	3.9

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	7.03 ± 0.50	-121.9 ± 4.1	1.65	27.9
2009 41.0 to 2009 141.0	7.32 ± 0.53	-116.0 ± 4.1	2.37	40.1
2009 65.0 to 2009 165.0	9.12 ± 0.63	-120.8 ± 4.0	3.55	60.1
2009 89.0 to 2009 189.0	5.20 ± 0.66	-123.3 ± 7.3	1.14	19.3
2009 113.0 to 2009 213.0	4.75 ± 0.81	-136.7 ± 9.8	1.22	20.6
2009 137.0 to 2009 237.0	7.35 ± 0.80	-105.3 ± 6.2	3.43	58.1
2009 161.0 to 2009 261.0	4.54 ± 0.74	-151.7 ± 9.3	2.19	37.2
2009 185.0 to 2009 285.0	4.77 ± 0.70	-140.6 ± 8.4	1.35	22.9
2009 209.0 to 2009 309.0	3.30 ± 0.62	-109.0 ± 10.8	3.17	53.7
2009 233.0 to 2009 333.0	7.29 ± 0.47	-132.1 ± 3.7	1.39	23.5
2009 257.0 to 2009 357.0	4.53 ± 0.50	-146.2 ± 6.3	1.84	31.2
2009 291.0 to 2010 26.0	8.23 ± 0.48	-131.8 ± 3.3	2.33	39.4
2009 325.0 to 2010 60.0	7.69 ± 0.65	-131.3 ± 4.8	1.79	30.3
2009 359.0 to 2010 94.0	7.95 ± 0.70	-127.6 ± 5.0	2.13	36.1
2010 28.0 to 2010 128.0	7.65 ± 0.66	-117.2 ± 4.9	2.51	42.5
2010 62.0 to 2010 162.0	7.14 ± 0.54	-123.6 ± 4.3	1.60	27.1
2010 96.0 to 2010 196.0	6.25 ± 0.59	-129.8 ± 5.4	0.46	7.7
2010 130.0 to 2010 230.0	3.48 ± 0.76	-142.3 ± 12.5	2.54	43.1
2010 164.0 to 2010 264.0	4.11 ± 0.99	-133.7 ± 13.8	1.80	30.4
2010 198.0 to 2010 298.0	5.22 ± 0.99	-148.1 ± 10.9	1.65	27.9
2010 232.0 to 2010 332.0	5.08 ± 0.83	-148.3 ± 9.4	1.71	28.9
2010 266.0 to 2011 1.0	4.87 ± 0.52	-148.6 ± 6.1	1.82	30.8
2010 300.0 to 2011 35.0	7.19 ± 0.52	-130.9 ± 4.1	1.30	22.0
2010 334.0 to 2011 69.0	6.73 ± 0.62	-137.3 ± 5.3	0.97	16.5
2011 3.0 to 2011 103.0	7.65 ± 0.61	-120.3 ± 4.6	2.26	38.3
2011 37.0 to 2011 137.0	7.30 ± 0.59	-131.2 ± 4.6	1.40	23.8
2011 71.0 to 2011 171.0	4.52 ± 0.57	-138.5 ± 7.2	1.48	25.1
2011 105.0 to 2011 205.0	6.82 ± 0.61	-103.0 ± 5.1	3.37	57.1
2011 139.0 to 2011 239.0	6.16 ± 0.69	-157.6 ± 6.4	2.62	44.4
2011 173.0 to 2011 273.0	2.77 ± 0.97	-135.7 ± 20.1	3.14	53.2
2011 207.0 to 2011 307.0	5.60 ± 0.83	-162.6 ± 8.5	2.99	50.7
2011 241.0 to 2011 341.0	4.88 ± 0.56	-152.8 ± 6.6	2.14	36.3
2011 275.0 to 2012 10.0	6.57 ± 0.40	-142.2 ± 3.5	1.24	20.9

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	3.36 ± 0.21	151.5 ± 3.6	0.32	10.0
2009 41.0 to 2009 141.0	3.27 ± 0.22	150.1 ± 3.9	0.22	6.8
2009 65.0 to 2009 165.0	3.26 ± 0.26	136.9 ± 4.6	0.53	16.4
2009 89.0 to 2009 189.0	2.58 ± 0.28	145.8 ± 6.2	0.66	20.3
2009 113.0 to 2009 213.0	3.29 ± 0.34	129.8 ± 5.9	0.94	28.9
2009 137.0 to 2009 237.0	3.11 ± 0.33	126.3 ± 6.1	1.11	34.2
2009 161.0 to 2009 261.0	3.49 ± 0.30	157.4 ± 4.9	0.70	21.6
2009 185.0 to 2009 285.0	3.29 ± 0.32	157.3 ± 5.6	0.63	19.4
2009 209.0 to 2009 309.0	2.93 ± 0.25	143.6 ± 4.9	0.34	10.5
2009 233.0 to 2009 333.0	2.77 ± 0.20	130.8 ± 4.1	0.93	28.8
2009 257.0 to 2009 357.0	3.23 ± 0.21	147.8 ± 3.7	0.09	2.7
2009 291.0 to 2010 26.0	3.61 ± 0.20	144.0 ± 3.2	0.40	12.2
2009 325.0 to 2010 60.0	3.43 ± 0.27	154.0 ± 4.5	0.49	15.1
2009 359.0 to 2010 94.0	3.30 ± 0.29	147.0 ± 5.0	0.07	2.3
2010 28.0 to 2010 128.0	2.92 ± 0.28	144.7 ± 5.5	0.33	10.2
2010 62.0 to 2010 162.0	3.90 ± 0.23	147.4 ± 3.4	0.67	20.6
2010 96.0 to 2010 196.0	2.89 ± 0.25	139.5 ± 5.0	0.50	15.5
2010 130.0 to 2010 230.0	3.79 ± 0.32	139.7 ± 4.8	0.68	21.1
2010 164.0 to 2010 264.0	3.43 ± 0.41	155.6 ± 6.8	0.57	17.7
2010 198.0 to 2010 298.0	2.71 ± 0.41	130.2 ± 8.7	0.98	30.3
2010 232.0 to 2010 332.0	2.91 ± 0.35	134.3 ± 6.9	0.72	22.2
2010 266.0 to 2011 1.0	3.35 ± 0.21	143.5 ± 3.6	0.20	6.0
2010 300.0 to 2011 35.0	3.42 ± 0.22	158.8 ± 3.7	0.75	23.1
2010 334.0 to 2011 69.0	3.38 ± 0.28	139.5 ± 4.7	0.42	12.9
2011 3.0 to 2011 103.0	2.86 ± 0.25	145.5 ± 5.0	0.38	11.7
2011 37.0 to 2011 137.0	3.69 ± 0.25	144.2 ± 3.9	0.47	14.5
2011 71.0 to 2011 171.0	3.53 ± 0.24	145.9 ± 3.9	0.29	9.1
2011 105.0 to 2011 205.0	2.97 ± 0.24	138.0 ± 4.6	0.52	16.1
2011 139.0 to 2011 239.0	3.01 ± 0.29	134.7 ± 5.5	0.67	20.7
2011 173.0 to 2011 273.0	3.33 ± 0.42	154.0 ± 7.2	0.45	13.9
2011 207.0 to 2011 307.0	2.68 ± 0.34	143.8 ± 7.3	0.57	17.7
2011 241.0 to 2011 341.0	2.66 ± 0.23	150.8 ± 5.0	0.62	19.2
2011 275.0 to 2012 10.0	3.29 ± 0.17	148.5 ± 3.0	0.14	4.2