

bds1 Comparison between current analysis and prior analysis

| Pressure comparison | | | |
|--------------------------|---------------------------------|-----------------------------|----------------|
| time interval | Pressure Coef. counts/counts | Difference counts/counts | Percent change |
| 2012 335.0 to 2013 69.0 | 0.26886 ± 0.00934 | -0.00003 | -0.0 |
| 2012 357.0 to 2013 91.0 | 0.26889 ± 0.00972 | 0.00000 | 0.0 |
| 2013 13.0 to 2013 113.0 | 0.25570 ± 0.01037 | -0.01319 | -4.9 |
| 2013 35.0 to 2013 135.0 | 0.26205 ± 0.00932 | -0.00684 | -2.5 |
| 2013 57.0 to 2013 157.0 | 0.28201 ± 0.00927 | 0.01312 | 4.9 |
| 2013 79.0 to 2013 179.0 | 0.28736 ± 0.00928 | 0.01847 | 6.9 |
| 2013 101.0 to 2013 201.0 | 0.29682 ± 0.00930 | 0.02793 | 10.4 |
| 2013 123.0 to 2013 223.0 | 0.32071 ± 0.00857 | 0.05182 | 19.3 |
| 2013 145.0 to 2013 245.0 | 0.32210 ± 0.00833 | 0.05321 | 19.8 |
| 2013 167.0 to 2013 267.0 | 0.30240 ± 0.00849 | 0.03351 | 12.5 |
| 2013 189.0 to 2013 289.0 | 0.29052 ± 0.00743 | 0.02163 | 8.0 |
| 2013 211.0 to 2013 311.0 | 0.24562 ± 0.00849 | -0.02327 | -8.7 |
| 2013 233.0 to 2013 333.0 | 0.22631 ± 0.00969 | -0.04258 | -15.8 |
| 2013 255.0 to 2013 355.0 | 0.26476 ± 0.00803 | -0.00413 | -1.5 |
| 2013 277.0 to 2014 12.0 | 0.25591 ± 0.00775 | -0.01298 | -4.8 |
| 2013 299.0 to 2014 34.0 | 0.23674 ± 0.00787 | -0.03215 | -12.0 |
| 2013 321.0 to 2014 56.0 | 0.26181 ± 0.00722 | -0.00708 | -2.6 |
| 2013 344.0 to 2014 78.7 | 0.20193 ± 0.00737 | -0.06696 | -24.9 |
| 2014 1.0 to 2014 101.0 | 0.20637 ± 0.00811 | -0.06252 | -23.3 |
| 2014 23.0 to 2014 120.6 | 0.22412 ± 0.00808 | -0.04477 | -16.6 |

| Tidal comparison M2 | | | | |
|--------------------------|---------------------------|--------------|-------------------------------------|----------------|
| time interval | Amplitude NS or counts | Phase(deg) | Absolute Difference NS or counts | Percent change |
| 2012 335.0 to 2013 69.0 | 13.75 ± 0.03 | -125.4 ± 0.1 | 0.32 | 2.4 |
| 2012 357.0 to 2013 91.0 | 13.81 ± 0.03 | -125.4 ± 0.1 | 0.38 | 2.8 |
| 2013 13.0 to 2013 113.0 | 13.84 ± 0.03 | -125.5 ± 0.1 | 0.40 | 3.0 |
| 2013 35.0 to 2013 135.0 | 13.85 ± 0.03 | -125.3 ± 0.1 | 0.42 | 3.1 |
| 2013 57.0 to 2013 157.0 | 13.84 ± 0.03 | -125.3 ± 0.1 | 0.41 | 3.1 |
| 2013 79.0 to 2013 179.0 | 13.87 ± 0.02 | -125.3 ± 0.1 | 0.44 | 3.3 |
| 2013 101.0 to 2013 201.0 | 13.82 ± 0.02 | -125.1 ± 0.1 | 0.42 | 3.1 |
| 2013 123.0 to 2013 223.0 | 13.80 ± 0.02 | -125.1 ± 0.1 | 0.40 | 3.0 |
| 2013 145.0 to 2013 245.0 | 13.80 ± 0.02 | -125.1 ± 0.1 | 0.40 | 3.0 |
| 2013 167.0 to 2013 267.0 | 13.81 ± 0.02 | -124.8 ± 0.1 | 0.45 | 3.3 |
| 2013 189.0 to 2013 289.0 | 13.84 ± 0.02 | -124.7 ± 0.1 | 0.49 | 3.6 |
| 2013 211.0 to 2013 311.0 | 13.84 ± 0.02 | -124.9 ± 0.1 | 0.46 | 3.4 |
| 2013 233.0 to 2013 333.0 | 13.89 ± 0.03 | -124.7 ± 0.1 | 0.53 | 3.9 |
| 2013 255.0 to 2013 355.0 | 13.88 ± 0.03 | -124.5 ± 0.1 | 0.55 | 4.1 |
| 2013 277.0 to 2014 12.0 | 13.86 ± 0.03 | -124.4 ± 0.1 | 0.55 | 4.1 |
| 2013 299.0 to 2014 34.0 | 13.88 ± 0.03 | -124.4 ± 0.1 | 0.56 | 4.2 |
| 2013 321.0 to 2014 56.0 | 13.85 ± 0.02 | -124.7 ± 0.1 | 0.50 | 3.7 |
| 2013 344.0 to 2014 78.7 | 13.84 ± 0.03 | -124.7 ± 0.1 | 0.49 | 3.6 |
| 2014 1.0 to 2014 101.0 | 13.85 ± 0.03 | -124.8 ± 0.1 | 0.48 | 3.6 |
| 2014 23.0 to 2014 120.6 | 13.87 ± 0.03 | -124.8 ± 0.1 | 0.50 | 3.7 |

| Tidal comparison O1 | | | | |
|----------------------------|---------------------------|-------------|-------------------------------------|----------------|
| time interval | Amplitude NS or counts | Phase(deg) | Absolute Difference NS or counts | Percent change |
| 2012 335.0 to 2013 69.0 | 6.20 ± 0.06 | 145.7 ± 0.6 | 0.77 | 11.1 |
| 2012 357.0 to 2013 91.0 | 6.14 ± 0.06 | 145.1 ± 0.6 | 0.85 | 12.2 |
| 2013 13.0 to 2013 113.0 | 6.08 ± 0.06 | 145.3 ± 0.6 | 0.90 | 12.9 |
| 2013 35.0 to 2013 135.0 | 6.09 ± 0.05 | 146.0 ± 0.5 | 0.88 | 12.6 |
| 2013 57.0 to 2013 157.0 | 6.14 ± 0.05 | 146.3 ± 0.5 | 0.82 | 11.8 |
| 2013 79.0 to 2013 179.0 | 6.15 ± 0.04 | 146.2 ± 0.4 | 0.81 | 11.7 |
| 2013 101.0 to 2013 201.0 | 6.13 ± 0.04 | 145.8 ± 0.4 | 0.84 | 12.1 |
| 2013 123.0 to 2013 223.0 | 6.16 ± 0.03 | 145.1 ± 0.3 | 0.83 | 11.9 |
| 2013 145.0 to 2013 245.0 | 6.11 ± 0.03 | 144.4 ± 0.3 | 0.90 | 12.9 |
| 2013 167.0 to 2013 267.0 | 6.04 ± 0.03 | 144.5 ± 0.3 | 0.96 | 13.8 |
| 2013 189.0 to 2013 289.0 | 5.91 ± 0.03 | 144.5 ± 0.3 | 1.08 | 15.6 |
| 2013 211.0 to 2013 311.0 | 5.87 ± 0.04 | 144.8 ± 0.4 | 1.12 | 16.0 |
| 2013 233.0 to 2013 333.0 | 5.88 ± 0.05 | 145.2 ± 0.5 | 1.10 | 15.8 |
| 2013 255.0 to 2013 355.0 | 5.87 ± 0.05 | 145.7 ± 0.5 | 1.10 | 15.8 |
| 2013 277.0 to 2014 12.0 | 5.91 ± 0.05 | 145.0 ± 0.5 | 1.07 | 15.4 |
| 2013 299.0 to 2014 34.0 | 5.92 ± 0.05 | 143.5 ± 0.5 | 1.11 | 15.9 |
| 2013 321.0 to 2014 56.0 | 5.92 ± 0.05 | 142.7 ± 0.5 | 1.14 | 16.4 |
| 2013 344.0 to 2014 78.7 | 5.92 ± 0.06 | 142.2 ± 0.6 | 1.17 | 16.8 |
| 2014 1.0 to 2014 101.0 | 5.87 ± 0.06 | 141.8 ± 0.6 | 1.23 | 17.7 |
| 2014 23.0 to 2014 120.6 | 5.80 ± 0.05 | 142.2 ± 0.5 | 1.27 | 18.3 |

| Tidal comparison K1 | | | | |
|----------------------------|---------------------------|-------------|-------------------------------------|----------------|
| time interval | Amplitude NS or counts | Phase(deg) | Absolute Difference NS or counts | Percent change |
| 2012 335.0 to 2013 69.0 | 7.34 ± 0.25 | -79.0 ± 2.0 | 0.14 | 1.8 |
| 2012 357.0 to 2013 91.0 | 7.62 ± 0.25 | -76.5 ± 1.9 | 0.34 | 4.6 |
| 2013 13.0 to 2013 113.0 | 7.33 ± 0.25 | -79.4 ± 2.0 | 0.16 | 2.1 |
| 2013 35.0 to 2013 135.0 | 7.36 ± 0.22 | -81.8 ± 1.7 | 0.40 | 5.3 |
| 2013 57.0 to 2013 157.0 | 6.87 ± 0.19 | -76.8 ± 1.6 | 0.66 | 8.8 |
| 2013 79.0 to 2013 179.0 | 6.88 ± 0.18 | -76.7 ± 1.5 | 0.65 | 8.7 |
| 2013 101.0 to 2013 201.0 | 6.90 ± 0.17 | -79.3 ± 1.4 | 0.58 | 7.7 |
| 2013 123.0 to 2013 223.0 | 6.62 ± 0.14 | -80.1 ± 1.2 | 0.87 | 11.6 |
| 2013 145.0 to 2013 245.0 | 6.81 ± 0.13 | -75.7 ± 1.1 | 0.77 | 10.3 |
| 2013 167.0 to 2013 267.0 | 6.82 ± 0.13 | -79.9 ± 1.1 | 0.67 | 8.9 |
| 2013 189.0 to 2013 289.0 | 6.72 ± 0.14 | -81.4 ± 1.2 | 0.82 | 10.9 |
| 2013 211.0 to 2013 311.0 | 6.88 ± 0.16 | -76.9 ± 1.3 | 0.64 | 8.6 |
| 2013 233.0 to 2013 333.0 | 6.70 ± 0.20 | -80.2 ± 1.7 | 0.79 | 10.6 |
| 2013 255.0 to 2013 355.0 | 7.06 ± 0.19 | -78.2 ± 1.5 | 0.42 | 5.7 |
| 2013 277.0 to 2014 12.0 | 7.60 ± 0.20 | -73.5 ± 1.5 | 0.72 | 9.6 |
| 2013 299.0 to 2014 34.0 | 7.67 ± 0.22 | -80.0 ± 1.6 | 0.25 | 3.3 |
| 2013 321.0 to 2014 56.0 | 6.94 ± 0.19 | -81.0 ± 1.6 | 0.60 | 8.0 |
| 2013 344.0 to 2014 78.7 | 7.17 ± 0.24 | -75.0 ± 1.9 | 0.58 | 7.8 |
| 2014 1.0 to 2014 101.0 | 7.19 ± 0.25 | -74.6 ± 2.0 | 0.61 | 8.2 |
| 2014 23.0 to 2014 120.6 | 6.91 ± 0.25 | -77.7 ± 2.1 | 0.58 | 7.8 |

| Tidal comparison S2 | | | | |
|----------------------------|---------------------------|------------|-------------------------------------|----------------|
| time interval | Amplitude NS or counts | Phase(deg) | Absolute Difference NS or counts | Percent change |
| 2012 335.0 to 2013 69.0 | 5.78 ± 0.13 | 53.0 ± 1.3 | 0.47 | 7.6 |
| 2012 357.0 to 2013 91.0 | 6.33 ± 0.12 | 50.8 ± 1.1 | 0.20 | 3.3 |
| 2013 13.0 to 2013 113.0 | 6.39 ± 0.12 | 55.5 ± 1.1 | 0.63 | 10.3 |
| 2013 35.0 to 2013 135.0 | 5.91 ± 0.11 | 57.0 ± 1.1 | 0.75 | 12.3 |
| 2013 57.0 to 2013 157.0 | 5.99 ± 0.10 | 54.6 ± 1.0 | 0.49 | 8.0 |
| 2013 79.0 to 2013 179.0 | 6.27 ± 0.09 | 49.0 ± 0.8 | 0.18 | 2.9 |
| 2013 101.0 to 2013 201.0 | 6.26 ± 0.09 | 52.1 ± 0.8 | 0.24 | 3.9 |
| 2013 123.0 to 2013 223.0 | 6.08 ± 0.08 | 51.6 ± 0.8 | 0.16 | 2.7 |
| 2013 145.0 to 2013 245.0 | 6.24 ± 0.08 | 51.1 ± 0.7 | 0.14 | 2.3 |
| 2013 167.0 to 2013 267.0 | 6.05 ± 0.08 | 51.8 ± 0.8 | 0.20 | 3.2 |
| 2013 189.0 to 2013 289.0 | 5.94 ± 0.08 | 51.0 ± 0.8 | 0.22 | 3.6 |
| 2013 211.0 to 2013 311.0 | 5.84 ± 0.09 | 49.5 ± 0.9 | 0.31 | 5.1 |
| 2013 233.0 to 2013 333.0 | 6.01 ± 0.10 | 55.3 ± 1.0 | 0.56 | 9.1 |
| 2013 255.0 to 2013 355.0 | 6.13 ± 0.10 | 53.4 ± 0.9 | 0.35 | 5.6 |
| 2013 277.0 to 2014 12.0 | 5.62 ± 0.10 | 52.7 ± 1.0 | 0.58 | 9.5 |
| 2013 299.0 to 2014 34.0 | 5.53 ± 0.11 | 51.4 ± 1.1 | 0.62 | 10.2 |
| 2013 321.0 to 2014 56.0 | 5.98 ± 0.10 | 53.1 ± 1.0 | 0.35 | 5.7 |
| 2013 344.0 to 2014 78.7 | 6.33 ± 0.12 | 53.0 ± 1.1 | 0.36 | 5.9 |
| 2014 1.0 to 2014 101.0 | 6.28 ± 0.12 | 53.4 ± 1.1 | 0.38 | 6.1 |
| 2014 23.0 to 2014 120.6 | 6.09 ± 0.12 | 55.3 ± 1.1 | 0.55 | 8.9 |