

B022CH3 Comparison between current analysis and prior analysis

| Pressure comparison | | | |
|----------------------------|---------------------------------|-----------------------------|----------------|
| time interval | Pressure Coef. counts/counts | Difference counts/counts | Percent change |
| 2008 26.0 to 2008 126.0 | -2.80423 ± 0.06736 | -0.04199 | 1.5 |
| 2008 43.0 to 2008 143.0 | -2.93128 ± 0.07120 | -0.16904 | 6.1 |
| 2008 60.0 to 2008 160.0 | -2.97638 ± 0.07410 | -0.21414 | 7.8 |
| 2008 77.0 to 2008 177.0 | -2.96915 ± 0.08023 | -0.20691 | 7.5 |
| 2008 94.0 to 2008 194.0 | -2.94903 ± 0.08998 | -0.18679 | 6.8 |
| 2008 113.0 to 2008 213.0 | -2.96486 ± 0.08669 | -0.20262 | 7.3 |
| 2008 135.0 to 2008 235.0 | -3.11964 ± 0.08061 | -0.35740 | 12.9 |
| 2008 157.0 to 2008 257.0 | -2.84655 ± 0.09130 | -0.08431 | 3.1 |
| 2008 179.0 to 2008 279.0 | -2.88434 ± 0.09001 | -0.12210 | 4.4 |
| 2008 201.0 to 2008 301.0 | -2.79257 ± 0.09013 | -0.03033 | 1.1 |
| 2008 223.0 to 2008 323.0 | -2.61231 ± 0.08985 | 0.14993 | -5.4 |
| 2008 245.0 to 2008 345.0 | -2.56460 ± 0.14550 | 0.19764 | -7.2 |
| 2008 267.0 to 2009 1.0 | -2.70861 ± 0.11282 | 0.05363 | -1.9 |
| 2008 289.0 to 2009 23.0 | -2.59227 ± 0.15536 | 0.16997 | -6.2 |
| 2008 311.0 to 2009 45.0 | -2.54287 ± 0.13913 | 0.21937 | -7.9 |
| 2008 333.0 to 2009 67.0 | -2.63667 ± 0.12440 | 0.12557 | -4.5 |
| 2008 355.0 to 2009 89.0 | -2.52993 ± 0.20619 | 0.23231 | -8.4 |
| 2009 6.0 to 2009 106.0 | -2.49530 ± 0.20376 | 0.26694 | -9.7 |
| 2009 30.0 to 2009 130.0 | -2.72410 ± 0.16726 | 0.03814 | -1.4 |
| 2009 54.0 to 2009 154.0 | -2.74185 ± 0.20866 | 0.02039 | -0.7 |
| 2009 78.0 to 2009 178.0 | -2.82044 ± 0.10914 | -0.05820 | 2.1 |
| 2009 104.0 to 2009 204.0 | -2.90137 ± 0.12971 | -0.13913 | 5.0 |
| 2009 128.0 to 2009 228.0 | -2.51095 ± 1.34281 | 0.25129 | -9.1 |
| 2009 152.0 to 2009 252.0 | -2.97975 ± 0.27338 | -0.21751 | 7.9 |
| 2009 176.0 to 2009 276.0 | -2.71075 ± 0.17444 | 0.05149 | -1.9 |
| 2009 200.0 to 2009 300.0 | -2.76224 ± 0.15850 | 0.00000 | -0.0 |

| Tidal comparison M2 | | | | |
|----------------------------|---------------------------|-------------|-------------------------------------|----------------|
| time interval | Amplitude NS or counts | Phase(deg) | Absolute Difference NS or counts | Percent change |
| 2008 26.0 to 2008 126.0 | 8.40 ± 0.08 | 142.9 ± 0.5 | 0.15 | 1.7 |
| 2008 43.0 to 2008 143.0 | 8.34 ± 0.06 | 143.2 ± 0.4 | 0.15 | 1.7 |
| 2008 60.0 to 2008 160.0 | 8.30 ± 0.07 | 143.7 ± 0.5 | 0.16 | 1.9 |
| 2008 77.0 to 2008 177.0 | 8.37 ± 0.07 | 143.9 ± 0.5 | 0.09 | 1.0 |
| 2008 94.0 to 2008 194.0 | 8.33 ± 0.07 | 144.1 ± 0.5 | 0.13 | 1.6 |
| 2008 113.0 to 2008 213.0 | 8.20 ± 0.06 | 144.6 ± 0.4 | 0.28 | 3.3 |
| 2008 135.0 to 2008 235.0 | 8.19 ± 0.05 | 144.7 ± 0.3 | 0.30 | 3.5 |
| 2008 157.0 to 2008 257.0 | 8.24 ± 0.06 | 143.8 ± 0.4 | 0.22 | 2.6 |
| 2008 179.0 to 2008 279.0 | 8.17 ± 0.08 | 143.4 ± 0.6 | 0.29 | 3.5 |
| 2008 201.0 to 2008 301.0 | 8.24 ± 0.08 | 142.9 ± 0.6 | 0.25 | 3.0 |
| 2008 223.0 to 2008 323.0 | 8.26 ± 0.09 | 142.8 ± 0.6 | 0.25 | 2.9 |
| 2008 245.0 to 2008 345.0 | 8.42 ± 0.14 | 143.0 ± 1.0 | 0.12 | 1.5 |
| 2008 267.0 to 2009 1.0 | 8.58 ± 0.14 | 142.7 ± 0.9 | 0.21 | 2.4 |
| 2008 289.0 to 2009 23.0 | 8.72 ± 0.20 | 142.0 ± 1.3 | 0.38 | 4.5 |
| 2008 311.0 to 2009 45.0 | 8.92 ± 0.18 | 142.4 ± 1.2 | 0.51 | 6.0 |
| 2008 333.0 to 2009 67.0 | 8.72 ± 0.16 | 145.3 ± 1.1 | 0.35 | 4.1 |
| 2008 355.0 to 2009 89.0 | 8.58 ± 0.28 | 148.5 ± 1.9 | 0.71 | 8.4 |
| 2009 6.0 to 2009 106.0 | 8.86 ± 0.24 | 148.1 ± 1.6 | 0.76 | 9.0 |
| 2009 30.0 to 2009 130.0 | 8.93 ± 0.21 | 148.7 ± 1.3 | 0.88 | 10.4 |
| 2009 54.0 to 2009 154.0 | 9.17 ± 0.24 | 150.6 ± 1.5 | 1.26 | 14.9 |
| 2009 78.0 to 2009 178.0 | 9.77 ± 0.11 | 147.5 ± 0.6 | 1.44 | 17.0 |
| 2009 104.0 to 2009 204.0 | 9.91 ± 0.12 | 149.5 ± 0.7 | 1.71 | 20.3 |
| 2009 128.0 to 2009 228.0 | 12.23 ± 1.03 | 143.5 ± 4.8 | 3.77 | 44.6 |
| 2009 152.0 to 2009 252.0 | 10.46 ± 0.22 | 149.3 ± 1.2 | 2.20 | 26.0 |
| 2009 176.0 to 2009 276.0 | 10.65 ± 0.20 | 149.7 ± 1.1 | 2.40 | 28.4 |
| 2009 200.0 to 2009 300.0 | 10.69 ± 0.20 | 149.9 ± 1.1 | 2.45 | 29.0 |

| Tidal comparison O1 | | | | |
|----------------------------|---------------------------|--------------|-------------------------------------|----------------|
| time interval | Amplitude NS or counts | Phase(deg) | Absolute Difference NS or counts | Percent change |
| 2008 26.0 to 2008 126.0 | 5.87 ± 0.17 | -65.8 ± 1.7 | 0.16 | 2.7 |
| 2008 43.0 to 2008 143.0 | 5.93 ± 0.15 | -66.3 ± 1.4 | 0.11 | 1.8 |
| 2008 60.0 to 2008 160.0 | 5.95 ± 0.15 | -67.8 ± 1.4 | 0.06 | 1.1 |
| 2008 77.0 to 2008 177.0 | 5.96 ± 0.15 | -68.0 ± 1.4 | 0.09 | 1.5 |
| 2008 94.0 to 2008 194.0 | 6.17 ± 0.14 | -67.9 ± 1.3 | 0.27 | 4.5 |
| 2008 113.0 to 2008 213.0 | 6.35 ± 0.13 | -69.0 ± 1.2 | 0.47 | 8.0 |
| 2008 135.0 to 2008 235.0 | 6.32 ± 0.12 | -69.2 ± 1.1 | 0.46 | 7.7 |
| 2008 157.0 to 2008 257.0 | 6.35 ± 0.13 | -68.6 ± 1.2 | 0.46 | 7.8 |
| 2008 179.0 to 2008 279.0 | 6.18 ± 0.14 | -68.7 ± 1.3 | 0.31 | 5.2 |
| 2008 201.0 to 2008 301.0 | 5.97 ± 0.16 | -69.9 ± 1.5 | 0.28 | 4.7 |
| 2008 223.0 to 2008 323.0 | 5.62 ± 0.18 | -68.8 ± 1.8 | 0.33 | 5.6 |
| 2008 245.0 to 2008 345.0 | 5.16 ± 0.31 | -68.6 ± 3.4 | 0.76 | 12.9 |
| 2008 267.0 to 2009 1.0 | 5.41 ± 0.31 | -65.0 ± 3.3 | 0.55 | 9.3 |
| 2008 289.0 to 2009 23.0 | 5.64 ± 0.45 | -65.7 ± 4.6 | 0.32 | 5.4 |
| 2008 311.0 to 2009 45.0 | 5.81 ± 0.41 | -66.1 ± 4.0 | 0.16 | 2.7 |
| 2008 333.0 to 2009 67.0 | 6.29 ± 0.36 | -67.8 ± 3.3 | 0.38 | 6.5 |
| 2008 355.0 to 2009 89.0 | 6.14 ± 0.61 | -70.6 ± 5.7 | 0.41 | 7.0 |
| 2009 6.0 to 2009 106.0 | 5.85 ± 0.51 | -68.8 ± 5.0 | 0.17 | 2.8 |
| 2009 30.0 to 2009 130.0 | 5.95 ± 0.43 | -69.0 ± 4.1 | 0.18 | 3.0 |
| 2009 54.0 to 2009 154.0 | 6.02 ± 0.51 | -72.3 ± 4.9 | 0.53 | 9.0 |
| 2009 78.0 to 2009 178.0 | 5.98 ± 0.23 | -67.5 ± 2.2 | 0.07 | 1.2 |
| 2009 104.0 to 2009 204.0 | 5.49 ± 0.24 | -69.4 ± 2.5 | 0.47 | 8.0 |
| 2009 128.0 to 2009 228.0 | 4.52 ± 2.01 | -45.1 ± 25.5 | 2.43 | 41.1 |
| 2009 152.0 to 2009 252.0 | 5.33 ± 0.39 | -63.2 ± 4.2 | 0.71 | 12.0 |
| 2009 176.0 to 2009 276.0 | 5.14 ± 0.34 | -61.8 ± 3.8 | 0.94 | 15.8 |
| 2009 200.0 to 2009 300.0 | 5.50 ± 0.35 | -65.5 ± 3.6 | 0.45 | 7.6 |

| Tidal comparison K1 | | | | |
|----------------------------|---------------------------|--------------|-------------------------------------|----------------|
| time interval | Amplitude NS or counts | Phase(deg) | Absolute Difference NS or counts | Percent change |
| 2008 26.0 to 2008 126.0 | 5.63 ± 0.67 | 75.6 ± 6.8 | 0.94 | 16.4 |
| 2008 43.0 to 2008 143.0 | 4.16 ± 0.61 | 75.3 ± 8.4 | 1.73 | 30.3 |
| 2008 60.0 to 2008 160.0 | 4.87 ± 0.61 | 50.5 ± 7.2 | 1.66 | 29.1 |
| 2008 77.0 to 2008 177.0 | 5.97 ± 0.60 | 69.1 ± 5.8 | 0.40 | 7.1 |
| 2008 94.0 to 2008 194.0 | 6.14 ± 0.59 | 71.5 ± 5.5 | 0.70 | 12.4 |
| 2008 113.0 to 2008 213.0 | 5.31 ± 0.54 | 50.7 ± 5.8 | 1.53 | 26.8 |
| 2008 135.0 to 2008 235.0 | 5.15 ± 0.48 | 61.1 ± 5.3 | 0.73 | 12.8 |
| 2008 157.0 to 2008 257.0 | 7.49 ± 0.52 | 70.1 ± 4.0 | 1.84 | 32.3 |
| 2008 179.0 to 2008 279.0 | 7.04 ± 0.60 | 57.5 ± 4.9 | 1.64 | 28.8 |
| 2008 201.0 to 2008 301.0 | 5.06 ± 0.65 | 61.2 ± 7.4 | 0.79 | 13.9 |
| 2008 223.0 to 2008 323.0 | 5.23 ± 0.76 | 75.2 ± 8.3 | 0.98 | 17.3 |
| 2008 245.0 to 2008 345.0 | 6.78 ± 1.29 | 74.3 ± 10.9 | 1.39 | 24.4 |
| 2008 267.0 to 2009 1.0 | 7.23 ± 1.27 | 94.1 ± 10.1 | 3.46 | 60.6 |
| 2008 289.0 to 2009 23.0 | 6.58 ± 1.85 | 52.0 ± 16.1 | 1.74 | 30.6 |
| 2008 311.0 to 2009 45.0 | 6.81 ± 1.68 | 70.2 ± 14.1 | 1.19 | 20.9 |
| 2008 333.0 to 2009 67.0 | 11.76 ± 1.48 | 110.6 ± 7.2 | 8.67 | 151.9 |
| 2008 355.0 to 2009 89.0 | 9.79 ± 2.50 | 31.5 ± 14.6 | 6.04 | 105.9 |
| 2009 6.0 to 2009 106.0 | 7.03 ± 2.09 | 30.9 ± 17.0 | 4.06 | 71.1 |
| 2009 30.0 to 2009 130.0 | 4.09 ± 1.79 | 147.0 ± 25.1 | 6.47 | 113.4 |
| 2009 54.0 to 2009 154.0 | 9.14 ± 2.09 | 43.7 ± 13.1 | 4.44 | 77.8 |
| 2009 78.0 to 2009 178.0 | 4.15 ± 0.92 | 72.5 ± 12.7 | 1.64 | 28.8 |
| 2009 104.0 to 2009 204.0 | 5.41 ± 1.04 | 74.6 ± 11.0 | 0.87 | 15.3 |
| 2009 128.0 to 2009 228.0 | 9.02 ± 8.73 | 36.2 ± 55.5 | 4.97 | 87.2 |
| 2009 152.0 to 2009 252.0 | 4.11 ± 1.59 | 87.9 ± 22.2 | 2.42 | 42.5 |
| 2009 176.0 to 2009 276.0 | 5.61 ± 1.40 | 85.9 ± 14.3 | 1.94 | 34.1 |
| 2009 200.0 to 2009 300.0 | 4.67 ± 1.49 | 19.5 ± 18.3 | 4.21 | 73.9 |

| Tidal comparison S2 | | | | |
|----------------------------|---------------------------|--------------|-------------------------------------|----------------|
| time interval | Amplitude NS or counts | Phase(deg) | Absolute Difference NS or counts | Percent change |
| 2008 26.0 to 2008 126.0 | 4.31 ± 0.30 | -38.5 ± 4.0 | 0.21 | 4.7 |
| 2008 43.0 to 2008 143.0 | 4.63 ± 0.25 | -33.4 ± 3.1 | 0.31 | 6.9 |
| 2008 60.0 to 2008 160.0 | 4.18 ± 0.26 | -36.9 ± 3.6 | 0.29 | 6.5 |
| 2008 77.0 to 2008 177.0 | 4.50 ± 0.26 | -36.5 ± 3.3 | 0.04 | 0.8 |
| 2008 94.0 to 2008 194.0 | 4.22 ± 0.26 | -40.2 ± 3.5 | 0.36 | 8.1 |
| 2008 113.0 to 2008 213.0 | 4.58 ± 0.25 | -46.1 ± 3.1 | 0.75 | 16.7 |
| 2008 135.0 to 2008 235.0 | 4.53 ± 0.22 | -31.7 ± 2.8 | 0.40 | 9.0 |
| 2008 157.0 to 2008 257.0 | 4.31 ± 0.26 | -37.9 ± 3.5 | 0.18 | 4.1 |
| 2008 179.0 to 2008 279.0 | 4.43 ± 0.30 | -45.6 ± 3.9 | 0.69 | 15.4 |
| 2008 201.0 to 2008 301.0 | 4.10 ± 0.31 | -27.9 ± 4.3 | 0.76 | 16.9 |
| 2008 223.0 to 2008 323.0 | 4.43 ± 0.36 | -27.7 ± 4.7 | 0.70 | 15.7 |
| 2008 245.0 to 2008 345.0 | 4.21 ± 0.55 | -45.2 ± 7.5 | 0.69 | 15.4 |
| 2008 267.0 to 2009 1.0 | 4.70 ± 0.54 | -45.1 ± 6.6 | 0.71 | 15.8 |
| 2008 289.0 to 2009 23.0 | 4.38 ± 0.78 | -26.4 ± 10.2 | 0.80 | 18.0 |
| 2008 311.0 to 2009 45.0 | 4.12 ± 0.70 | -29.6 ± 9.7 | 0.64 | 14.3 |
| 2008 333.0 to 2009 67.0 | 9.25 ± 0.63 | -34.3 ± 3.9 | 4.79 | 107.1 |
| 2008 355.0 to 2009 89.0 | 6.37 ± 1.08 | -37.9 ± 9.7 | 1.90 | 42.6 |
| 2009 6.0 to 2009 106.0 | 2.18 ± 0.93 | -38.5 ± 24.4 | 2.29 | 51.3 |
| 2009 30.0 to 2009 130.0 | 1.78 ± 0.82 | 2.9 ± 26.4 | 3.30 | 73.8 |
| 2009 54.0 to 2009 154.0 | 8.18 ± 0.92 | -49.9 ± 6.4 | 3.96 | 88.6 |
| 2009 78.0 to 2009 178.0 | 4.64 ± 0.43 | -35.2 ± 5.3 | 0.21 | 4.7 |
| 2009 104.0 to 2009 204.0 | 7.09 ± 0.49 | -29.8 ± 4.0 | 2.71 | 60.5 |
| 2009 128.0 to 2009 228.0 | 3.68 ± 3.97 | -71.1 ± 61.8 | 2.52 | 56.4 |
| 2009 152.0 to 2009 252.0 | 4.32 ± 0.89 | -16.1 ± 11.8 | 1.58 | 35.4 |
| 2009 176.0 to 2009 276.0 | 5.09 ± 0.77 | -48.3 ± 8.7 | 1.14 | 25.6 |
| 2009 200.0 to 2009 300.0 | 3.51 ± 0.88 | -33.5 ± 14.4 | 0.99 | 22.1 |