

B078CH1 Comparison between current analysis and prior analysis

| Pressure comparison | | | |
|--------------------------|---------------------------------|-----------------------------|----------------|
| time interval | Pressure Coef. counts/counts | Difference counts/counts | Percent change |
| 2009 33.0 to 2009 133.0 | -5.13024 ± 0.05305 | -0.12340 | 2.5 |
| 2009 57.0 to 2009 157.0 | -5.00684 ± 0.05513 | 0.00000 | -0.0 |
| 2009 81.0 to 2009 181.0 | -4.98346 ± 0.05417 | 0.02338 | -0.5 |
| 2009 105.0 to 2009 205.0 | -4.94584 ± 0.06223 | 0.06100 | -1.2 |
| 2009 129.0 to 2009 229.0 | -4.99349 ± 0.07580 | 0.01335 | -0.3 |
| 2009 153.0 to 2009 253.0 | -5.02219 ± 0.07666 | -0.01535 | 0.3 |
| 2009 177.0 to 2009 277.0 | -5.12133 ± 0.07885 | -0.11449 | 2.3 |
| 2009 201.0 to 2009 301.0 | -5.13007 ± 0.06993 | -0.12323 | 2.5 |

| Tidal comparison M2 | | | | |
|--------------------------|---------------------------|--------------|-------------------------------------|----------------|
| time interval | Amplitude NS or counts | Phase(deg) | Absolute Difference NS or counts | Percent change |
| 2009 33.0 to 2009 133.0 | 2.39 ± 0.04 | -170.4 ± 1.0 | 0.05 | 2.0 |
| 2009 57.0 to 2009 157.0 | 2.39 ± 0.03 | -170.4 ± 0.7 | 0.05 | 2.0 |
| 2009 81.0 to 2009 181.0 | 2.40 ± 0.03 | -171.3 ± 0.7 | 0.02 | 0.7 |
| 2009 105.0 to 2009 205.0 | 2.42 ± 0.03 | -171.0 ± 0.7 | 0.01 | 0.6 |
| 2009 129.0 to 2009 229.0 | 2.42 ± 0.03 | -171.8 ± 0.7 | 0.02 | 0.8 |
| 2009 153.0 to 2009 253.0 | 2.43 ± 0.03 | -171.5 ± 0.7 | 0.01 | 0.6 |
| 2009 177.0 to 2009 277.0 | 2.44 ± 0.03 | -171.4 ± 0.7 | 0.02 | 0.9 |
| 2009 201.0 to 2009 301.0 | 2.42 ± 0.04 | -171.3 ± 0.9 | 0.00 | 0.1 |

| Tidal comparison O1 | | | | |
|--------------------------|---------------------------|--------------|-------------------------------------|----------------|
| time interval | Amplitude NS or counts | Phase(deg) | Absolute Difference NS or counts | Percent change |
| 2009 33.0 to 2009 133.0 | 2.32 ± 0.07 | -162.0 ± 1.7 | 0.08 | 3.7 |
| 2009 57.0 to 2009 157.0 | 2.26 ± 0.07 | -160.0 ± 1.8 | 0.06 | 2.5 |
| 2009 81.0 to 2009 181.0 | 2.35 ± 0.07 | -161.1 ± 1.7 | 0.11 | 4.9 |
| 2009 105.0 to 2009 205.0 | 2.37 ± 0.07 | -160.5 ± 1.7 | 0.13 | 5.9 |
| 2009 129.0 to 2009 229.0 | 2.31 ± 0.08 | -161.3 ± 2.0 | 0.07 | 3.1 |
| 2009 153.0 to 2009 253.0 | 2.21 ± 0.08 | -162.2 ± 2.1 | 0.05 | 2.0 |
| 2009 177.0 to 2009 277.0 | 2.15 ± 0.08 | -165.1 ± 2.1 | 0.17 | 7.6 |
| 2009 201.0 to 2009 301.0 | 1.99 ± 0.08 | -165.4 ± 2.3 | 0.29 | 13.0 |

| Tidal comparison K1 | | | | |
|----------------------------|---------------------------|-----------------|-------------------------------------|----------------|
| time interval | Amplitude NS or counts | Phase(deg) | Absolute Difference NS or counts | Percent change |
| 2009 33.0 to 2009 133.0 | 2.30 ± 0.30 | -50.2 ± 7.5 | 1.25 | 42.7 |
| 2009 57.0 to 2009 157.0 | 3.56 ± 0.28 | -42.6 ± 4.5 | 1.13 | 38.6 |
| 2009 81.0 to 2009 181.0 | 3.05 ± 0.27 | -59.0 ± 5.1 | 1.70 | 58.1 |
| 2009 105.0 to 2009 205.0 | 2.35 ± 0.28 | -33.1 ± 6.8 | 0.65 | 22.3 |
| 2009 129.0 to 2009 229.0 | 3.02 ± 0.32 | -19.0 ± 6.1 | 0.38 | 13.1 |
| 2009 153.0 to 2009 253.0 | 3.51 ± 0.31 | -28.1 ± 5.1 | 0.60 | 20.7 |
| 2009 177.0 to 2009 277.0 | 2.20 ± 0.31 | -10.2 ± 8.1 | 1.00 | 34.4 |
| 2009 201.0 to 2009 301.0 | 3.12 ± 0.43 | -1.4 ± 7.9 | 1.31 | 44.8 |

| Tidal comparison S2 | | | | |
|----------------------------|---------------------------|-----------------|-------------------------------------|----------------|
| time interval | Amplitude NS or counts | Phase(deg) | Absolute Difference NS or counts | Percent change |
| 2009 33.0 to 2009 133.0 | 0.76 ± 0.14 | 28.3 ± 10.6 | 0.51 | 42.4 |
| 2009 57.0 to 2009 157.0 | 0.98 ± 0.12 | 14.8 ± 7.0 | 0.22 | 18.3 |
| 2009 81.0 to 2009 181.0 | 1.23 ± 0.11 | 18.5 ± 5.1 | 0.13 | 10.8 |
| 2009 105.0 to 2009 205.0 | 1.31 ± 0.12 | 19.7 ± 5.2 | 0.19 | 16.1 |
| 2009 129.0 to 2009 229.0 | 1.31 ± 0.13 | 11.5 ± 5.7 | 0.12 | 9.8 |
| 2009 153.0 to 2009 253.0 | 1.19 ± 0.13 | 0.5 ± 6.3 | 0.25 | 21.1 |
| 2009 177.0 to 2009 277.0 | 1.15 ± 0.13 | -6.0 ± 6.5 | 0.38 | 32.0 |
| 2009 201.0 to 2009 301.0 | 0.78 ± 0.17 | 1.5 ± 12.5 | 0.46 | 38.1 |