**B058CH2** Comparison between current analysis and prior analysis

| Pressure comparison | | | |
|---|---|---|---|
| time interval | Pressure Coef. counts/counts | Difference counts/counts | Percent change |
| 2009 59.0 to 2009 159.0 | -4.89390 ± 0.03691 | 0.00488 | -0.1 |
| 2009 62.0 to 2009 162.0 | -4.91238 ± 0.04203 | -0.01360 | 0.3 |
| 2009 86.0 to 2009 186.0 | -4.80172 ± 0.03716 | 0.09706 | -2.0 |
| 2009 110.0 to 2009 210.0 | -4.74328 ± 0.03704 | 0.15550 | -3.2 |
| 2009 134.0 to 2009 234.0 | -4.77829 ± 0.04646 | 0.12049 | -2.5 |
| 2009 158.0 to 2009 258.0 | -4.79722 ± 0.05003 | 0.10156 | -2.1 |
| 2009 182.0 to 2009 282.0 | -4.89039 ± 0.05672 | 0.00839 | -0.2 |
| 2009 206.0 to 2009 306.0 | -5.03317 ± 0.07490 | -0.13439 | 2.7 |
| 2009 230.0 to 2009 330.0 | -5.04947 ± 0.07384 | -0.15069 | 3.1 |
| 2009 254.0 to 2009 354.0 | -5.05003 ± 0.05675 | -0.15125 | 3.1 |
| 2009 288.0 to 2010 23.0 | -5.02557 ± 0.03064 | -0.12679 | 2.6 |
| 2009 322.0 to 2010 57.0 | -5.01786 ± 0.03961 | -0.11908 | 2.4 |
| 2009 356.0 to 2010 91.0 | -4.98720 ± 0.04696 | -0.08842 | 1.8 |
| 2010 25.0 to 2010 125.0 | -4.99354 ± 0.05623 | -0.09476 | 1.9 |
| 2010 59.0 to 2010 159.0 | -4.99591 ± 0.05247 | -0.09713 | 2.0 |
| 2010 93.0 to 2010 193.0 | -4.99482 ± 0.04055 | -0.09604 | 2.0 |
| 2010 127.0 to 2010 227.0 | -4.84718 ± 0.04247 | 0.05160 | -1.1 |
| 2010 161.0 to 2010 261.0 | -4.75887 ± 0.04802 | 0.13991 | -2.9 |
| 2010 195.0 to 2010 295.0 | -4.93533 ± 0.04850 | -0.03655 | 0.7 |
| 2010 229.0 to 2010 329.0 | -5.14622 ± 0.04275 | -0.24744 | 5.1 |
| 2010 263.0 to 2010 363.0 | -5.16208 ± 0.03660 | -0.26330 | 5.4 |
| 2010 297.0 to 2011 32.0 | -5.11173 ± 0.04195 | -0.21295 | 4.3 |
| 2010 331.0 to 2011 66.0 | -5.10887 ± 0.03667 | -0.21009 | 4.3 |
| 2010 365.0 to 2011 100.0 | -5.18085 ± 0.03526 | -0.28207 | 5.8 |
| 2011 34.0 to 2011 134.0 | -5.13526 ± 0.03751 | -0.23648 | 4.8 |
| 2011 68.0 to 2011 168.0 | -5.07539 ± 0.03552 | -0.17661 | 3.6 |
| 2011 102.0 to 2011 202.0 | -4.89878 ± 0.04155 | 0.00000 | -0.0 |
| 2011 136.0 to 2011 236.0 | -4.82521 ± 0.04683 | 0.07357 | -1.5 |
| 2011 170.0 to 2011 270.0 | -4.79139 ± 0.06897 | 0.10739 | -2.2 |
| 2011 288.0 to 2011 316.0 | -5.09539 ± 0.11291 | -0.19661 | 4.0 |
| 2011 284.0 to 2012 19.0 | -5.23023 ± 0.04838 | -0.33145 | 6.8 |
| 2011 318.0 to 2012 53.0 | -5.14129 ± 0.05503 | -0.24251 | 5.0 |
| 2014 228.0 to 2014 328.0 | -4.73359 ± 0.05801 | 0.16519 | -3.4 |
| 2014 269.0 to 2015 4.0 | -4.92543 ± 0.05441 | -0.02665 | 0.5 |
| 2014 310.0 to 2015 45.0 | -4.94169 ± 0.04648 | -0.04291 | 0.9 |
| 2014 351.0 to 2015 86.0 | -4.89393 ± 0.03447 | 0.00485 | -0.1 |
| 2015 27.0 to 2015 127.0 | -4.74377 ± 0.04304 | 0.15501 | -3.2 |
| 2015 68.0 to 2015 168.0 | -4.50426 ± 0.04706 | 0.39452 | -8.1 |
| 2015 109.0 to 2015 209.0 | -4.40835 ± 0.05309 | 0.49043 | -10.0 |
| 2015 153.0 to 2015 253.0 | -4.51846 ± 0.06143 | 0.38032 | -7.8 |
| 2015 194.0 to 2015 294.0 | -4.79732 ± 0.05629 | 0.10146 | -2.1 |
| 2015 235.0 to 2015 335.0 | -4.86566 ± 0.05963 | 0.03312 | -0.7 |
| 2015 277.0 to 2016 12.0 | -4.96881 ± 0.07168 | -0.07003 | 1.4 |
| 2015 318.0 to 2016 53.0 | -4.89515 ± 0.06203 | 0.00363 | -0.1 |
| 2015 359.0 to 2016 94.0 | -4.85455 ± 0.06127 | 0.04423 | -0.9 |
| 2016 35.0 to 2016 135.0 | -4.81612 ± 0.06916 | 0.08266 | -1.7 |
| 2016 76.0 to 2016 176.0 | -4.53935 ± 0.08655 | 0.35943 | -7.3 |
| 2016 117.0 to 2016 217.0 | -4.20630 ± 0.07797 | 0.69248 | -14.1 |
| 2016 158.0 to 2016 258.0 | -4.16711 ± 0.09198 | 0.73167 | -14.9 |

| Tidal comparson **M2** | | | | |
|---|---|---|---|---|
| time interval | Amplitude NS or counts | Phase(deg) | Absolute Difference NS or counts | Percent change |
| 2009 59.0 to 2009 159.0 | 6.08 ± 0.02 | 104.7 ± 0.2 | 0.10 | 1.6 |
| 2009 62.0 to 2009 162.0 | 6.08 ± 0.02 | 104.7 ± 0.2 | 0.10 | 1.6 |
| 2009 86.0 to 2009 186.0 | 6.05 ± 0.02 | 104.7 ± 0.2 | 0.13 | 2.1 |
| 2009 110.0 to 2009 210.0 | 6.03 ± 0.02 | 105.2 ± 0.2 | 0.16 | 2.5 |
| 2009 134.0 to 2009 234.0 | 6.03 ± 0.02 | 105.6 ± 0.2 | 0.17 | 2.8 |
| 2009 158.0 to 2009 258.0 | 6.06 ± 0.02 | 105.6 ± 0.2 | 0.15 | 2.4 |
| 2009 182.0 to 2009 282.0 | 6.09 ± 0.03 | 105.7 ± 0.3 | 0.13 | 2.1 |
| 2009 206.0 to 2009 306.0 | 6.12 ± 0.04 | 105.5 ± 0.4 | 0.10 | 1.6 |
| 2009 230.0 to 2009 330.0 | 6.12 ± 0.04 | 105.1 ± 0.4 | 0.07 | 1.1 |
| 2009 254.0 to 2009 354.0 | 6.14 ± 0.04 | 104.9 ± 0.4 | 0.04 | 0.7 |
| 2009 288.0 to 2010 23.0 | 6.17 ± 0.03 | 105.3 ± 0.3 | 0.05 | 0.9 |
| 2009 322.0 to 2010 57.0 | 6.14 ± 0.04 | 104.8 ± 0.4 | 0.04 | 0.6 |
| 2009 356.0 to 2010 91.0 | 6.06 ± 0.04 | 105.1 ± 0.4 | 0.12 | 2.0 |
| 2010 25.0 to 2010 125.0 | 6.11 ± 0.04 | 104.6 ± 0.4 | 0.07 | 1.2 |
| 2010 59.0 to 2010 159.0 | 6.06 ± 0.04 | 104.6 ± 0.4 | 0.12 | 2.0 |
| 2010 93.0 to 2010 193.0 | 6.13 ± 0.02 | 104.6 ± 0.2 | 0.05 | 0.9 |
| 2010 127.0 to 2010 227.0 | 6.11 ± 0.02 | 104.9 ± 0.2 | 0.07 | 1.1 |
| 2010 161.0 to 2010 261.0 | 6.16 ± 0.02 | 105.1 ± 0.2 | 0.04 | 0.6 |
| 2010 195.0 to 2010 295.0 | 6.15 ± 0.02 | 105.2 ± 0.2 | 0.05 | 0.8 |
| 2010 229.0 to 2010 329.0 | 6.15 ± 0.03 | 105.2 ± 0.3 | 0.05 | 0.8 |
| 2010 263.0 to 2010 363.0 | 6.18 ± 0.03 | 104.8 ± 0.3 | 0.00 | 0.0 |
| 2010 297.0 to 2011 32.0 | 6.22 ± 0.04 | 104.5 ± 0.4 | 0.05 | 0.8 |
| 2010 331.0 to 2011 66.0 | 6.23 ± 0.04 | 104.3 ± 0.4 | 0.07 | 1.2 |
| 2010 365.0 to 2011 100.0 | 6.22 ± 0.03 | 104.1 ± 0.3 | 0.09 | 1.4 |
| 2011 34.0 to 2011 134.0 | 6.18 ± 0.03 | 104.3 ± 0.3 | 0.05 | 0.9 |
| 2011 68.0 to 2011 168.0 | 6.11 ± 0.03 | 104.4 ± 0.3 | 0.08 | 1.3 |
| 2011 102.0 to 2011 202.0 | 6.14 ± 0.02 | 105.1 ± 0.2 | 0.05 | 0.8 |
| 2011 136.0 to 2011 236.0 | 6.15 ± 0.03 | 105.3 ± 0.3 | 0.06 | 1.0 |
| 2011 170.0 to 2011 270.0 | 6.23 ± 0.04 | 105.5 ± 0.4 | 0.09 | 1.5 |
| 2011 288.0 to 2011 316.0 | 6.16 ± 0.07 | 106.4 ± 0.7 | 0.17 | 2.8 |
| 2011 284.0 to 2012 19.0 | 6.23 ± 0.04 | 105.2 ± 0.4 | 0.07 | 1.1 |
| 2011 318.0 to 2012 53.0 | 6.28 ± 0.04 | 104.9 ± 0.4 | 0.10 | 1.6 |
| 2014 228.0 to 2014 328.0 | 6.59 ± 0.03 | 103.4 ± 0.3 | 0.44 | 7.1 |
| 2014 269.0 to 2015 4.0 | 6.51 ± 0.04 | 103.4 ± 0.4 | 0.36 | 5.9 |
| 2014 310.0 to 2015 45.0 | 6.54 ± 0.04 | 103.1 ± 0.4 | 0.41 | 6.6 |
| 2014 351.0 to 2015 86.0 | 6.60 ± 0.03 | 103.4 ± 0.3 | 0.45 | 7.2 |
| 2015 27.0 to 2015 127.0 | 6.52 ± 0.03 | 103.4 ± 0.3 | 0.37 | 6.0 |
| 2015 68.0 to 2015 168.0 | 6.51 ± 0.03 | 103.1 ± 0.3 | 0.38 | 6.1 |
| 2015 109.0 to 2015 209.0 | 6.55 ± 0.03 | 103.4 ± 0.3 | 0.40 | 6.5 |
| 2015 153.0 to 2015 253.0 | 6.50 ± 0.03 | 104.0 ± 0.3 | 0.33 | 5.4 |
| 2015 194.0 to 2015 294.0 | 6.51 ± 0.03 | 104.0 ± 0.3 | 0.34 | 5.5 |
| 2015 235.0 to 2015 335.0 | 6.48 ± 0.04 | 104.1 ± 0.4 | 0.31 | 5.0 |
| 2015 277.0 to 2016 12.0 | 6.51 ± 0.06 | 103.9 ± 0.5 | 0.34 | 5.6 |
| 2015 318.0 to 2016 53.0 | 6.53 ± 0.06 | 104.6 ± 0.5 | 0.35 | 5.7 |
| 2015 359.0 to 2016 94.0 | 6.58 ± 0.06 | 104.5 ± 0.5 | 0.40 | 6.5 |
| 2016 35.0 to 2016 135.0 | 6.60 ± 0.06 | 104.4 ± 0.5 | 0.42 | 6.8 |
| 2016 76.0 to 2016 176.0 | 6.61 ± 0.05 | 104.3 ± 0.4 | 0.43 | 7.0 |
| 2016 117.0 to 2016 217.0 | 6.62 ± 0.04 | 103.6 ± 0.3 | 0.46 | 7.4 |
| 2016 158.0 to 2016 258.0 | 6.61 ± 0.05 | 104.5 ± 0.4 | 0.43 | 7.0 |

| Tidal comparson **O1** | | | | |
|---|---|---|---|---|
| time interval | Amplitude NS or counts | Phase(deg) | Absolute Difference NS or counts | Percent change |
| 2009 59.0 to 2009 159.0 | 2.49 ± 0.05 | -98.9 ± 1.2 | 0.28 | 12.6 |
| 2009 62.0 to 2009 162.0 | 2.49 ± 0.05 | -98.3 ± 1.2 | 0.28 | 12.5 |
| 2009 86.0 to 2009 186.0 | 2.39 ± 0.04 | -100.3 ± 1.0 | 0.20 | 9.0 |
| 2009 110.0 to 2009 210.0 | 2.47 ± 0.04 | -101.0 ± 0.9 | 0.28 | 12.8 |
| 2009 134.0 to 2009 234.0 | 2.50 ± 0.05 | -100.8 ± 1.1 | 0.31 | 13.9 |
| 2009 158.0 to 2009 258.0 | 2.45 ± 0.05 | -100.0 ± 1.2 | 0.25 | 11.3 |
| 2009 182.0 to 2009 282.0 | 2.43 ± 0.06 | -99.9 ± 1.4 | 0.23 | 10.4 |
| 2009 206.0 to 2009 306.0 | 2.47 ± 0.09 | -101.1 ± 2.1 | 0.29 | 12.9 |
| 2009 230.0 to 2009 330.0 | 2.44 ± 0.10 | -99.1 ± 2.3 | 0.23 | 10.4 |
| 2009 254.0 to 2009 354.0 | 2.46 ± 0.09 | -100.7 ± 2.1 | 0.27 | 12.2 |
| 2009 288.0 to 2010 23.0 | 2.52 ± 0.06 | -101.1 ± 1.4 | 0.33 | 15.0 |
| 2009 322.0 to 2010 57.0 | 2.49 ± 0.08 | -101.3 ± 1.8 | 0.31 | 13.9 |
| 2009 356.0 to 2010 91.0 | 2.37 ± 0.09 | -98.0 ± 2.2 | 0.16 | 7.0 |
| 2010 25.0 to 2010 125.0 | 2.41 ± 0.10 | -97.3 ± 2.4 | 0.20 | 8.9 |
| 2010 59.0 to 2010 159.0 | 2.37 ± 0.08 | -95.4 ± 1.9 | 0.19 | 8.4 |
| 2010 93.0 to 2010 193.0 | 2.37 ± 0.05 | -96.8 ± 1.2 | 0.16 | 7.3 |
| 2010 127.0 to 2010 227.0 | 2.34 ± 0.04 | -95.5 ± 1.0 | 0.16 | 7.2 |
| 2010 161.0 to 2010 261.0 | 2.34 ± 0.05 | -97.0 ± 1.2 | 0.13 | 5.9 |
| 2010 195.0 to 2010 295.0 | 2.32 ± 0.05 | -94.4 ± 1.2 | 0.18 | 7.9 |
| 2010 229.0 to 2010 329.0 | 2.45 ± 0.06 | -95.8 ± 1.4 | 0.25 | 11.3 |
| 2010 263.0 to 2010 363.0 | 2.66 ± 0.06 | -98.7 ± 1.3 | 0.45 | 20.2 |
| 2010 297.0 to 2011 32.0 | 2.74 ± 0.08 | -99.1 ± 1.7 | 0.53 | 23.8 |
| 2010 331.0 to 2011 66.0 | 2.46 ± 0.07 | -97.1 ± 1.6 | 0.25 | 11.2 |
| 2010 365.0 to 2011 100.0 | 2.12 ± 0.07 | -97.6 ± 1.9 | 0.10 | 4.3 |
| 2011 34.0 to 2011 134.0 | 2.08 ± 0.07 | -94.2 ± 1.9 | 0.19 | 8.8 |
| 2011 68.0 to 2011 168.0 | 2.20 ± 0.05 | -94.5 ± 1.3 | 0.13 | 6.0 |
| 2011 102.0 to 2011 202.0 | 2.23 ± 0.05 | -95.2 ± 1.3 | 0.11 | 4.9 |
| 2011 136.0 to 2011 236.0 | 2.15 ± 0.06 | -97.1 ± 1.6 | 0.07 | 3.3 |
| 2011 170.0 to 2011 270.0 | 2.00 ± 0.09 | -97.7 ± 2.6 | 0.21 | 9.7 |
| 2011 288.0 to 2011 316.0 | 2.12 ± 0.09 | -96.0 ± 2.4 | 0.12 | 5.4 |
| 2011 284.0 to 2012 19.0 | 2.06 ± 0.08 | -96.0 ± 2.2 | 0.17 | 7.7 |
| 2011 318.0 to 2012 53.0 | 2.13 ± 0.10 | -96.3 ± 2.7 | 0.11 | 4.7 |
| 2014 228.0 to 2014 328.0 | 1.76 ± 0.06 | -96.6 ± 2.0 | 0.46 | 20.6 |
| 2014 269.0 to 2015 4.0 | 1.84 ± 0.09 | -93.9 ± 2.8 | 0.40 | 18.1 |
| 2014 310.0 to 2015 45.0 | 1.80 ± 0.09 | -97.3 ± 2.9 | 0.42 | 18.7 |
| 2014 351.0 to 2015 86.0 | 1.78 ± 0.06 | -101.1 ± 1.9 | 0.45 | 20.2 |
| 2015 27.0 to 2015 127.0 | 1.81 ± 0.07 | -95.2 ± 2.2 | 0.42 | 18.8 |
| 2015 68.0 to 2015 168.0 | 1.94 ± 0.06 | -94.2 ± 1.8 | 0.31 | 13.8 |
| 2015 109.0 to 2015 209.0 | 1.97 ± 0.06 | -95.5 ± 1.7 | 0.26 | 11.8 |
| 2015 153.0 to 2015 253.0 | 1.89 ± 0.06 | -101.4 ± 1.8 | 0.35 | 15.7 |
| 2015 194.0 to 2015 294.0 | 1.99 ± 0.06 | -105.4 ± 1.7 | 0.35 | 16.0 |
| 2015 235.0 to 2015 335.0 | 2.12 ± 0.08 | -106.8 ± 2.2 | 0.35 | 15.7 |
| 2015 277.0 to 2016 12.0 | 2.23 ± 0.15 | -105.9 ± 3.9 | 0.31 | 13.9 |
| 2015 318.0 to 2016 53.0 | 2.20 ± 0.14 | -95.9 ± 3.6 | 0.08 | 3.6 |
| 2015 359.0 to 2016 94.0 | 1.83 ± 0.13 | -103.3 ± 4.1 | 0.43 | 19.3 |
| 2016 35.0 to 2016 135.0 | 1.78 ± 0.12 | -105.3 ± 3.9 | 0.50 | 22.7 |
| 2016 76.0 to 2016 176.0 | 1.79 ± 0.11 | -100.3 ± 3.5 | 0.43 | 19.5 |
| 2016 117.0 to 2016 217.0 | 2.05 ± 0.09 | -99.7 ± 2.5 | 0.18 | 8.0 |
| 2016 158.0 to 2016 258.0 | 1.95 ± 0.10 | -98.7 ± 2.9 | 0.27 | 12.0 |

| Tidal comparson **K1** | | | | |
|---|---|---|---|---|
| time interval | Amplitude NS or counts | Phase(deg) | Absolute Difference NS or counts | Percent change |
| 2009 59.0 to 2009 159.0 | 4.04 ± 0.20 | 20.6 ± 2.8 | 0.83 | 20.4 |
| 2009 62.0 to 2009 162.0 | 4.08 ± 0.21 | 22.1 ± 2.9 | 0.73 | 17.9 |
| 2009 86.0 to 2009 186.0 | 3.94 ± 0.17 | 26.8 ± 2.5 | 0.40 | 9.9 |
| 2009 110.0 to 2009 210.0 | 4.39 ± 0.16 | 31.5 ± 2.1 | 0.35 | 8.5 |
| 2009 134.0 to 2009 234.0 | 4.66 ± 0.19 | 28.1 ± 2.3 | 0.69 | 17.0 |
| 2009 158.0 to 2009 258.0 | 5.13 ± 0.22 | 32.9 ± 2.5 | 1.08 | 26.7 |
| 2009 182.0 to 2009 282.0 | 4.84 ± 0.25 | 43.2 ± 3.0 | 1.15 | 28.4 |
| 2009 206.0 to 2009 306.0 | 5.13 ± 0.36 | 41.9 ± 4.0 | 1.32 | 32.6 |
| 2009 230.0 to 2009 330.0 | 4.69 ± 0.40 | 49.5 ± 4.9 | 1.45 | 35.8 |
| 2009 254.0 to 2009 354.0 | 4.83 ± 0.36 | 44.2 ± 4.3 | 1.20 | 29.7 |
| 2009 288.0 to 2010 23.0 | 3.99 ± 0.23 | 53.3 ± 3.3 | 1.46 | 36.1 |
| 2009 322.0 to 2010 57.0 | 4.39 ± 0.35 | 38.8 ± 4.6 | 0.58 | 14.4 |
| 2009 356.0 to 2010 91.0 | 2.90 ± 0.39 | 43.8 ± 7.7 | 1.34 | 33.0 |
| 2010 25.0 to 2010 125.0 | 3.44 ± 0.40 | 23.0 ± 6.7 | 0.86 | 21.3 |
| 2010 59.0 to 2010 159.0 | 3.29 ± 0.33 | 23.9 ± 5.7 | 0.93 | 23.0 |
| 2010 93.0 to 2010 193.0 | 4.36 ± 0.21 | 23.4 ± 2.8 | 0.73 | 17.9 |
| 2010 127.0 to 2010 227.0 | 4.29 ± 0.17 | 26.5 ± 2.3 | 0.49 | 12.1 |
| 2010 161.0 to 2010 261.0 | 4.81 ± 0.19 | 34.1 ± 2.3 | 0.77 | 19.1 |
| 2010 195.0 to 2010 295.0 | 4.78 ± 0.19 | 37.2 ± 2.3 | 0.82 | 20.2 |
| 2010 229.0 to 2010 329.0 | 5.22 ± 0.24 | 48.3 ± 2.6 | 1.73 | 42.8 |
| 2010 263.0 to 2010 363.0 | 4.81 ± 0.26 | 40.2 ± 3.1 | 0.97 | 24.0 |
| 2010 297.0 to 2011 32.0 | 2.89 ± 0.33 | 58.9 ± 6.5 | 1.95 | 48.2 |
| 2010 331.0 to 2011 66.0 | 4.05 ± 0.30 | 59.1 ± 4.2 | 1.87 | 46.3 |
| 2010 365.0 to 2011 100.0 | 3.63 ± 0.27 | 21.5 ± 4.3 | 0.84 | 20.7 |
| 2011 34.0 to 2011 134.0 | 2.42 ± 0.27 | 31.4 ± 6.4 | 1.63 | 40.3 |
| 2011 68.0 to 2011 168.0 | 4.04 ± 0.22 | 20.7 ± 3.1 | 0.82 | 20.3 |
| 2011 102.0 to 2011 202.0 | 3.91 ± 0.20 | 19.0 ± 2.9 | 0.94 | 23.1 |
| 2011 136.0 to 2011 236.0 | 4.35 ± 0.51 | 18.7 ± 6.7 | 1.04 | 25.7 |
| 2011 170.0 to 2011 270.0 | 10.19 ± 7.14 | -19.3 ± 40.1 | 8.31 | 205.2 |
| 2011 288.0 to 2011 316.0 | 3.11 ± 0.10 | 19.1 ± 1.8 | 1.25 | 30.8 |
| 2011 284.0 to 2012 19.0 | 4.51 ± 0.45 | 35.9 ± 5.7 | 0.53 | 13.1 |
| 2011 318.0 to 2012 53.0 | 3.88 ± 0.39 | 23.7 ± 5.8 | 0.62 | 15.3 |
| 2014 228.0 to 2014 328.0 | 2.75 ± 0.26 | 47.9 ± 5.4 | 1.58 | 39.1 |
| 2014 269.0 to 2015 4.0 | 3.07 ± 0.37 | 67.6 ± 6.9 | 2.35 | 58.0 |
| 2014 310.0 to 2015 45.0 | 3.69 ± 0.36 | 56.9 ± 5.6 | 1.68 | 41.6 |
| 2014 351.0 to 2015 86.0 | 2.05 ± 0.24 | 55.4 ± 6.7 | 2.31 | 57.0 |
| 2015 27.0 to 2015 127.0 | 2.07 ± 0.27 | 56.2 ± 7.5 | 2.31 | 57.1 |
| 2015 68.0 to 2015 168.0 | 3.67 ± 0.26 | 16.3 ± 4.1 | 1.14 | 28.2 |
| 2015 109.0 to 2015 209.0 | 2.65 ± 0.26 | 36.8 ± 5.6 | 1.42 | 35.1 |
| 2015 153.0 to 2015 253.0 | 3.87 ± 0.26 | 37.5 ± 3.8 | 0.40 | 9.8 |
| 2015 194.0 to 2015 294.0 | 4.54 ± 0.26 | 42.3 ± 3.3 | 0.89 | 22.0 |
| 2015 235.0 to 2015 335.0 | 4.54 ± 0.34 | 48.0 ± 4.3 | 1.27 | 31.3 |
| 2015 277.0 to 2016 12.0 | 2.98 ± 0.59 | 82.0 ± 11.3 | 3.11 | 76.7 |
| 2015 318.0 to 2016 53.0 | 3.23 ± 0.54 | 61.5 ± 9.6 | 2.00 | 49.3 |
| 2015 359.0 to 2016 94.0 | 3.17 ± 0.81 | 24.7 ± 14.6 | 1.00 | 24.7 |
| 2016 35.0 to 2016 135.0 | 2.24 ± 0.48 | 104.7 ± 12.3 | 3.99 | 98.5 |
| 2016 76.0 to 2016 176.0 | 3.79 ± 0.45 | 20.9 ± 6.8 | 0.82 | 20.3 |
| 2016 117.0 to 2016 217.0 | 3.55 ± 0.38 | 23.1 ± 6.1 | 0.79 | 19.5 |
| 2016 158.0 to 2016 258.0 | 5.42 ± 0.40 | 33.6 ± 4.2 | 1.37 | 33.9 |

| Tidal comparson **S2** | | | | |
|---|---|---|---|---|
| time interval | Amplitude NS or counts | Phase(deg) | Absolute Difference NS or counts | Percent change |
| 2009 59.0 to 2009 159.0 | 3.03 ± 0.08 | -120.1 ± 1.5 | 0.05 | 1.5 |
| 2009 62.0 to 2009 162.0 | 3.04 ± 0.09 | -120.0 ± 1.7 | 0.04 | 1.2 |
| 2009 86.0 to 2009 186.0 | 3.02 ± 0.08 | -114.4 ± 1.5 | 0.27 | 8.7 |
| 2009 110.0 to 2009 210.0 | 3.03 ± 0.07 | -117.5 ± 1.3 | 0.10 | 3.3 |
| 2009 134.0 to 2009 234.0 | 3.12 ± 0.08 | -118.1 ± 1.5 | 0.09 | 3.1 |
| 2009 158.0 to 2009 258.0 | 3.10 ± 0.09 | -117.9 ± 1.7 | 0.09 | 3.0 |
| 2009 182.0 to 2009 282.0 | 3.14 ± 0.10 | -122.0 ± 1.8 | 0.17 | 5.4 |
| 2009 206.0 to 2009 306.0 | 2.92 ± 0.15 | -117.5 ± 2.9 | 0.17 | 5.5 |
| 2009 230.0 to 2009 330.0 | 2.90 ± 0.17 | -122.0 ± 3.4 | 0.21 | 6.8 |
| 2009 254.0 to 2009 354.0 | 3.10 ± 0.15 | -121.1 ± 2.8 | 0.10 | 3.4 |
| 2009 288.0 to 2010 23.0 | 3.18 ± 0.11 | -118.2 ± 2.0 | 0.14 | 4.6 |
| 2009 322.0 to 2010 57.0 | 2.86 ± 0.17 | -120.0 ± 3.4 | 0.20 | 6.5 |
| 2009 356.0 to 2010 91.0 | 2.81 ± 0.17 | -124.2 ± 3.5 | 0.35 | 11.4 |
| 2010 25.0 to 2010 125.0 | 2.91 ± 0.17 | -116.5 ± 3.3 | 0.21 | 6.8 |
| 2010 59.0 to 2010 159.0 | 3.03 ± 0.14 | -118.8 ± 2.6 | 0.04 | 1.3 |
| 2010 93.0 to 2010 193.0 | 3.29 ± 0.09 | -118.1 ± 1.6 | 0.24 | 8.0 |
| 2010 127.0 to 2010 227.0 | 2.99 ± 0.08 | -116.2 ± 1.5 | 0.18 | 5.9 |
| 2010 161.0 to 2010 261.0 | 3.15 ± 0.08 | -116.5 ± 1.5 | 0.18 | 5.9 |
| 2010 195.0 to 2010 295.0 | 2.98 ± 0.09 | -119.3 ± 1.7 | 0.08 | 2.5 |
| 2010 229.0 to 2010 329.0 | 3.12 ± 0.10 | -129.1 ± 1.8 | 0.53 | 17.3 |
| 2010 263.0 to 2010 363.0 | 3.09 ± 0.11 | -119.7 ± 2.0 | 0.04 | 1.3 |
| 2010 297.0 to 2011 32.0 | 3.21 ± 0.15 | -117.4 ± 2.7 | 0.19 | 6.2 |
| 2010 331.0 to 2011 66.0 | 3.07 ± 0.14 | -120.5 ± 2.6 | 0.06 | 2.0 |
| 2010 365.0 to 2011 100.0 | 3.00 ± 0.13 | -119.1 ± 2.5 | 0.06 | 1.9 |
| 2011 34.0 to 2011 134.0 | 2.79 ± 0.12 | -112.5 ± 2.5 | 0.44 | 14.4 |
| 2011 68.0 to 2011 168.0 | 3.30 ± 0.10 | -124.7 ± 1.7 | 0.38 | 12.6 |
| 2011 102.0 to 2011 202.0 | 2.95 ± 0.09 | -114.4 ± 1.7 | 0.28 | 9.2 |
| 2011 136.0 to 2011 236.0 | 3.39 ± 0.18 | -118.9 ± 3.0 | 0.34 | 11.0 |
| 2011 170.0 to 2011 270.0 | 1.36 ± 1.63 | -145.5 ± 68.7 | 1.93 | 63.2 |
| 2011 288.0 to 2011 316.0 | 4.07 ± 0.07 | -130.8 ± 1.0 | 1.23 | 40.4 |
| 2011 284.0 to 2012 19.0 | 4.15 ± 0.20 | -116.1 ± 2.8 | 1.11 | 36.4 |
| 2011 318.0 to 2012 53.0 | 3.40 ± 0.17 | -112.9 ± 2.9 | 0.50 | 16.4 |
| 2014 228.0 to 2014 328.0 | 3.08 ± 0.12 | -111.5 ± 2.2 | 0.42 | 13.8 |
| 2014 269.0 to 2015 4.0 | 3.31 ± 0.16 | -126.0 ± 2.8 | 0.45 | 14.7 |
| 2014 310.0 to 2015 45.0 | 2.81 ± 0.15 | -120.8 ± 3.1 | 0.26 | 8.4 |
| 2014 351.0 to 2015 86.0 | 3.05 ± 0.11 | -126.3 ± 2.1 | 0.37 | 12.1 |
| 2015 27.0 to 2015 127.0 | 3.16 ± 0.12 | -118.3 ± 2.2 | 0.12 | 3.9 |
| 2015 68.0 to 2015 168.0 | 2.79 ± 0.11 | -120.3 ± 2.3 | 0.27 | 8.8 |
| 2015 109.0 to 2015 209.0 | 3.20 ± 0.11 | -114.3 ± 2.0 | 0.31 | 10.2 |
| 2015 153.0 to 2015 253.0 | 2.95 ± 0.13 | -120.8 ± 2.5 | 0.13 | 4.2 |
| 2015 194.0 to 2015 294.0 | 2.90 ± 0.14 | -118.0 ± 2.8 | 0.17 | 5.6 |
| 2015 235.0 to 2015 335.0 | 3.09 ± 0.16 | -124.2 ± 3.0 | 0.26 | 8.6 |
| 2015 277.0 to 2016 12.0 | 3.67 ± 0.30 | -125.3 ± 4.7 | 0.71 | 23.1 |
| 2015 318.0 to 2016 53.0 | 2.92 ± 0.23 | -125.6 ± 4.5 | 0.35 | 11.5 |
| 2015 359.0 to 2016 94.0 | 3.33 ± 0.33 | -125.1 ± 5.7 | 0.42 | 13.8 |
| 2016 35.0 to 2016 135.0 | 3.02 ± 0.22 | -131.8 ± 4.2 | 0.66 | 21.6 |
| 2016 76.0 to 2016 176.0 | 3.19 ± 0.20 | -110.5 ± 3.6 | 0.50 | 16.4 |
| 2016 117.0 to 2016 217.0 | 2.95 ± 0.17 | -122.5 ± 3.3 | 0.20 | 6.4 |
| 2016 158.0 to 2016 258.0 | 3.00 ± 0.18 | -110.0 ± 3.4 | 0.50 | 16.3 |