

anamar_cor200907twdr_a_pz09.dat

file name: res_anamar/anamar_cor200907twdr_a_pz09.dat

date: 07-Sep-2011

nobs = 744, ngood = 743, record length (days) = 31.00

start time: 01-Jul -2009 01:00:00

rayleigh criterion = 1.0

Greenwich phase computed with nodal corrections applied to amplitude \n and phase relative to center time

x0= 0.25, x trend= 0

var(x)= 0.019085 var(xp)= 0.0116 var(xres)= 0.0076097

percent var predicted/var original = 60.8 %

y0= -0.047, x trend= 0

var(y)= 0.0015017 var(yp)= 0.00026461 var(yres)= 0.0012505

percent var predicted/var original = 17.6 %

ellipse parameters with 95%% CI estimates

| tide | freq | major | emaj | minor | emin | inc | ei nc | pha |
|--------|-----------|-------|-------|--------|------|--------|-------|--------|
| MSF | 0.0028219 | 0.054 | 0.061 | 0.006 | 0.03 | 5.59 | 34.05 | 212.04 |
| 80.69 | 0.76 | | | | | | | |
| *2Q1 | 0.0357064 | 0.020 | 0.012 | 0.002 | 0.01 | 162.91 | 14.01 | 23.98 |
| 31.03 | 2.8 | | | | | | | |
| Q1 | 0.0372185 | 0.007 | 0.009 | 0.001 | 0.00 | 160.06 | 34.84 | 303.84 |
| 108.18 | 0.63 | | | | | | | |
| *01 | 0.0387307 | 0.048 | 0.012 | -0.002 | 0.00 | 172.82 | 5.09 | 45.54 |
| 12.62 | 16 | | | | | | | |
| N01 | 0.0402686 | 0.013 | 0.012 | 0.001 | 0.00 | 172.05 | 24.10 | 300.63 |
| 62.77 | 1.1 | | | | | | | |
| *K1 | 0.0417807 | 0.058 | 0.013 | 0.001 | 0.00 | 169.76 | 4.09 | 122.06 |
| 12.11 | 21 | | | | | | | |
| J1 | 0.0432929 | 0.003 | 0.007 | -0.001 | 0.01 | 127.80 | 63.16 | 256.18 |
| 167.88 | 0.17 | | | | | | | |
| 001 | 0.0448308 | 0.012 | 0.009 | -0.002 | 0.00 | 164.99 | 19.17 | 46.53 |
| 45.48 | 1.8 | | | | | | | |
| UPS1 | 0.0463430 | 0.004 | 0.008 | -0.000 | 0.00 | 1.42 | 33.38 | 277.77 |
| 125.04 | 0.29 | | | | | | | |
| N2 | 0.0789992 | 0.018 | 0.018 | -0.000 | 0.01 | 163.98 | 20.23 | 185.31 |
| 70.73 | 0.99 | | | | | | | |
| *M2 | 0.0805114 | 0.107 | 0.020 | -0.004 | 0.01 | 172.67 | 3.80 | 116.14 |
| 11.18 | 29 | | | | | | | |
| *S2 | 0.0833333 | 0.070 | 0.020 | 0.001 | 0.01 | 172.07 | 5.59 | 150.78 |
| 16.37 | 12 | | | | | | | |
| ETA2 | 0.0850736 | 0.006 | 0.012 | 0.002 | 0.01 | 33.25 | 45.07 | 282.45 |
| 158.73 | 0.21 | | | | | | | |
| *M03 | 0.1192421 | 0.017 | 0.011 | -0.001 | 0.00 | 168.62 | 10.11 | 236.67 |
| 45.96 | 2.1 | | | | | | | |
| *M3 | 0.1207671 | 0.025 | 0.012 | 0.000 | 0.00 | 173.37 | 6.77 | 311.02 |
| 30.11 | 4.3 | | | | | | | |
| *MK3 | 0.1222921 | 0.024 | 0.012 | -0.002 | 0.00 | 172.92 | 7.37 | 309.88 |
| 35.47 | 4.1 | | | | | | | |
| SK3 | 0.1251141 | 0.014 | 0.013 | -0.001 | 0.00 | 168.12 | 15.09 | 331.38 |
| 45.97 | 1.3 | | | | | | | |
| MN4 | 0.1595106 | 0.009 | 0.011 | -0.000 | 0.00 | 174.44 | 16.08 | 46.36 |
| 76.01 | 0.77 | | | | | | | |
| *M4 | 0.1610228 | 0.016 | 0.011 | -0.001 | 0.00 | 173.33 | 12.39 | 350.69 |
| 40.49 | 2 | | | | | | | |
| *MS4 | 0.1638447 | 0.018 | 0.011 | -0.001 | 0.00 | 176.27 | 9.35 | 7.48 |
| 39.71 | 2.4 | | | | | | | |
| S4 | 0.1666667 | 0.015 | 0.011 | -0.001 | 0.00 | 168.28 | 14.05 | 42.78 |
| 45.30 | 1.7 | | | | | | | |
| 2MK5 | 0.2028035 | 0.011 | 0.012 | 0.000 | 0.01 | 163.59 | 21.54 | 144.82 |
| 55.21 | 0.79 | | | | | | | |
| 2SK5 | 0.2084474 | 0.006 | 0.009 | -0.001 | 0.00 | 166.06 | 29.74 | 195.27 |
| 109.07 | 0.42 | | | | | | | |
| 2MN6 | 0.2400221 | 0.007 | 0.005 | 0.001 | 0.00 | 161.58 | 20.05 | 246.39 |
| 59.50 | 1.7 | | | | | | | |

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|---------------------------------|-----------|-------|-------|-------|------|--------|-------|--------|
| M6 | 0.2415342 | 0.007 | 0.006 | 0.001 | 0.00 | 164.42 | 21.61 | 198.28 |
| 56.29 | 1.3 | | | | | | | |
| 2MS6 | 0.2443561 | 0.009 | 0.007 | 0.002 | 0.00 | 165.09 | 16.97 | 206.46 |
| 43.03 | 1.8 | | | | | | | |
| 2SM6 | 0.2471781 | 0.008 | 0.007 | 0.001 | 0.00 | 162.58 | 17.26 | 228.72 |
| 49.91 | 1.4 | | | | | | | |
| 3MK7 | 0.2833149 | 0.005 | 0.005 | 0.000 | 0.00 | 161.00 | 24.17 | 359.58 |
| 72.55 | 1.1 | | | | | | | |
| M8 | 0.3220456 | 0.001 | 0.004 | 0.000 | 0.00 | 12.75 | 88.01 | 281.37 |
| 178.67 | 0.11 | | | | | | | |

total var= 0.020587 pred var= 0.011864
percent total var predicted/var original = 57.6 %