

anamar\_cor200901twdr\_a\_pz03.dat

file name: res\_anamar/anamar\_cor200901twdr\_a\_pz03.dat

date: 07-Sep-2011

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

start time: 01-Jan-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= 0.179, x trend= 0

var(x)= 0.057452 var(xp)= 0.047139 var(xres)= 0.010537  
percent var predicted/var original = 82.0 %

y0= -0.0282, x trend= 0

var(y)= 0.0087324 var(yp)= 0.0061052 var(yres)= 0.0025709  
percent var predicted/var original = 69.9 %

ellipse parameters with 95%% CI estimates

| tide   | freq      | major | emaj  | minor  | emin | inc    | ei nc  | pha    |
|--------|-----------|-------|-------|--------|------|--------|--------|--------|
| MSF    | 0.0028219 | 0.083 | 0.062 | 0.009  | 0.03 | 165.30 | 18.10  | 5.78   |
| 48.37  | 1.8       |       |       |        |      |        |        |        |
| 2Q1    | 0.0357064 | 0.010 | 0.011 | 0.000  | 0.01 | 174.24 | 51.11  | 100.81 |
| 93.11  | 0.76      |       |       |        |      |        |        |        |
| Q1     | 0.0372185 | 0.015 | 0.012 | 0.003  | 0.01 | 163.42 | 37.07  | 69.74  |
| 59.62  | 1.7       |       |       |        |      |        |        |        |
| *O1    | 0.0387307 | 0.057 | 0.014 | 0.001  | 0.01 | 163.93 | 8.71   | 52.20  |
| 14.34  | 16        |       |       |        |      |        |        |        |
| *N01   | 0.0402686 | 0.031 | 0.018 | 0.002  | 0.02 | 151.80 | 32.47  | 255.12 |
| 41.43  | 3         |       |       |        |      |        |        |        |
| *K1    | 0.0417807 | 0.054 | 0.014 | 0.008  | 0.01 | 160.66 | 11.81  | 137.16 |
| 14.17  | 15        |       |       |        |      |        |        |        |
| J1     | 0.0432929 | 0.002 | 0.007 | 0.002  | 0.01 | 105.40 | 164.35 | 27.06  |
| 191.80 | 0.12      |       |       |        |      |        |        |        |
| 001    | 0.0448308 | 0.007 | 0.007 | 0.003  | 0.01 | 175.36 | 66.84  | 23.16  |
| 108.00 | 0.85      |       |       |        |      |        |        |        |
| UPS1   | 0.0463430 | 0.008 | 0.008 | -0.003 | 0.01 | 165.64 | 61.04  | 109.12 |
| 86.53  | 0.99      |       |       |        |      |        |        |        |
| *N2    | 0.0789992 | 0.043 | 0.022 | 0.005  | 0.02 | 159.45 | 22.27  | 203.81 |
| 28.13  | 4         |       |       |        |      |        |        |        |
| *M2    | 0.0805114 | 0.252 | 0.024 | -0.001 | 0.02 | 161.89 | 3.78   | 139.32 |
| 5.99   | 1.1e+002  |       |       |        |      |        |        |        |
| *S2    | 0.0833333 | 0.165 | 0.023 | 0.007  | 0.01 | 161.21 | 5.34   | 166.53 |
| 8.19   | 51        |       |       |        |      |        |        |        |
| ETA2   | 0.0850736 | 0.007 | 0.013 | -0.001 | 0.01 | 48.63  | 87.67  | 331.82 |
| 140.49 | 0.28      |       |       |        |      |        |        |        |
| M03    | 0.1192421 | 0.012 | 0.012 | 0.003  | 0.00 | 177.38 | 32.32  | 326.15 |
| 66.98  | 1         |       |       |        |      |        |        |        |
| *M3    | 0.1207671 | 0.046 | 0.013 | 0.002  | 0.01 | 157.53 | 9.04   | 333.69 |
| 16.04  | 12        |       |       |        |      |        |        |        |
| *MK3   | 0.1222921 | 0.016 | 0.008 | 0.013  | 0.01 | 25.78  | 91.31  | 218.99 |
| 113.54 | 4         |       |       |        |      |        |        |        |
| SK3    | 0.1251141 | 0.017 | 0.013 | -0.006 | 0.01 | 4.30   | 23.73  | 311.49 |
| 45.93  | 1.9       |       |       |        |      |        |        |        |
| MN4    | 0.1595106 | 0.009 | 0.007 | -0.002 | 0.01 | 97.16  | 130.73 | 342.88 |
| 64.31  | 1.5       |       |       |        |      |        |        |        |
| *M4    | 0.1610228 | 0.041 | 0.011 | 0.005  | 0.01 | 139.98 | 14.06  | 319.78 |
| 15.79  | 13        |       |       |        |      |        |        |        |
| *MS4   | 0.1638447 | 0.047 | 0.011 | 0.011  | 0.01 | 143.12 | 11.84  | 356.97 |
| 16.45  | 18        |       |       |        |      |        |        |        |
| *S4    | 0.1666667 | 0.010 | 0.007 | 0.004  | 0.01 | 74.11  | 97.19  | 338.08 |
| 54.90  | 2.2       |       |       |        |      |        |        |        |
| 2MK5   | 0.2028035 | 0.016 | 0.014 | 0.002  | 0.01 | 5.42   | 24.66  | 111.23 |
| 69.53  | 1.3       |       |       |        |      |        |        |        |
| 2SK5   | 0.2084474 | 0.013 | 0.013 | 0.005  | 0.01 | 177.09 | 39.43  | 356.54 |
| 98.27  | 0.9       |       |       |        |      |        |        |        |
| 2MN6   | 0.2400221 | 0.009 | 0.009 | 0.002  | 0.00 | 171.82 | 30.69  | 53.70  |
| 69.94  | 1         |       |       |        |      |        |        |        |

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|       |           |       |       |        |      |        |       |       |
|-------|-----------|-------|-------|--------|------|--------|-------|-------|
| *M6   | 0.2415342 | 0.014 | 0.010 | -0.000 | 0.01 | 153.87 | 19.40 | 38.67 |
| 34.11 | 2.3       |       |       |        |      |        |       |       |
| *2MS6 | 0.2443561 | 0.018 | 0.008 | -0.004 | 0.01 | 150.14 | 19.63 | 84.12 |
| 28.14 | 5.5       |       |       |        |      |        |       |       |
| 2SM6  | 0.2471781 | 0.009 | 0.008 | -0.003 | 0.00 | 174.70 | 29.42 | 78.70 |
| 62.69 | 1.4       |       |       |        |      |        |       |       |
| *3MK7 | 0.2833149 | 0.009 | 0.006 | 0.004  | 0.01 | 123.15 | 63.58 | 77.49 |
| 65.09 | 2         |       |       |        |      |        |       |       |
| M8    | 0.3220456 | 0.007 | 0.006 | -0.002 | 0.01 | 154.30 | 63.10 | 91.00 |
| 72.75 | 1.4       |       |       |        |      |        |       |       |

total var= 0.066184    pred var= 0.053244  
percent total var predicted/var original = 80.4 %