file name: res_anamar/anamar_nim200901twdr_a_pz01.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= -0.0606, x trend= 0

var(x)= 0.12622   var(xp)= 0.11419   var(xres)= 0.012396
percent var predicted/var original= 90.5 %

tidal amplitude and phase with 95% CI estimates

tide	freq	amp	amp_err	pha	pha_err	snr
*MSF	0.0028219	0.1629	0.111	200.12	51.35	2.2
*2Q1	0.0357064	0.0007	0.001	128.36	41.46	2
*Q1	0.0372185	0.0293	0.001	101.33	1.01	2.7e+003
*O1	0.0387307	0.1127	0.001	133.89	0.27	4.6e+004
*NO1	0.0402686	0.0076	0.001	180.36	6.86	84
*K1	0.0417807	0.0769	0.001	205.73	0.43	1.9e+004
*J1	0.0432929	0.0021	0.001	173.79	15.16	14
*OO1	0.0448308	0.0013	0.000	229.94	19.86	9
*UPS1	0.0463430	0.0008	0.000	137.30	30.56	4.2
*N2	0.0789992	0.0503	0.007	250.12	7.40	57
*M2	0.0805114	0.3614	0.008	188.58	1.03	2.2e+003
*S2	0.0833333	0.2142	0.007	216.49	1.76	9.1e+002
ETA2	0.0850736	0.0068	0.005	268.18	45.98	1.8
MO3	0.1192421	0.0006	0.001	240.94	133.60	0.38
*M3	0.1207671	0.0504	0.002	22.65	1.85	9.9e+002
*MK3	0.1222921	0.0030	0.001	20.31	26.18	5.9
*SK3	0.1251141	0.0022	0.001	93.00	37.73	3.4
MN4	0.1595106	0.0002	0.001	71.38	205.84	0.085
*M4	0.1610228	0.0014	0.001	316.02	35.65	2.4
*MS4	0.1638447	0.0024	0.001	345.56	20.76	8.7
*S4	0.1666667	0.0011	0.001	59.92	40.40	2.2
*2MK5	0.2028035	0.0016	0.001	236.48	37.44	2.6
2SK5	0.2084474	0.0003	0.001	94.18	140.52	0.18
2MN6	0.2400221	0.0006	0.001	346.99	61.43	1.2
*M6	0.2415342	0.0011	0.001	231.94	30.09	3.9
*2MS6	0.2443561	0.0020	0.001	239.44	15.89	14
*2SM6	0.2471781	0.0017	0.001	276.33	18.19	9
3MK7	0.2833149	0.0002	0.000	52.02	114.30	0.4
M8	0.3220456	0.0006	0.001	141.80	44.63	1.5