

file name: E:\CSULLIVAN\SOUTH_CAROLINA\PLOTS\TTIDE\ttide_pres_site4.txt

date: 15-May-2006

nobs = 16957, ngood = 11084, record length (days) = 176.64

start time: 29-Oct-2003 20:00:00

rayleigh criterion = 1.0

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

x0= 9.81, x trend= 0

var(x)= 0.30893 var(xp)= 0.28043 var(xres)= 0.028502

percent var predicted= 90.8 %

tidal amplitude and phase with 95% CI estimates

tide	freq	amp	amp_err	pha	pha_err	snr
MM	0.00151	0.0485	0.075	86.38	88.09	0.42
MSF	0.00282	0.0127	0.075	164.60	335.76	0.029
ALP1	0.03440	0.0064	0.005	316.90	40.07	1.6
2Q1	0.03571	0.0034	0.005	31.87	75.41	0.47
Q1	0.03722	0.0149	0.005	187.43	17.13	8.8
O1	0.03873	0.0770	0.005	190.70	3.27	2.4e+002
NO1	0.04027	0.0035	0.005	224.55	80.47	0.5
K1	0.04178	0.0823	0.005	187.72	3.22	2.7e+002
J1	0.04329	0.0104	0.005	224.72	24.90	4.3
OO1	0.04483	0.0032	0.005	244.44	60.53	0.41
UPS1	0.04634	0.0036	0.005	213.88	52.83	0.51
EPS2	0.07618	0.0078	0.007	349.55	54.95	1.3
MU2	0.07769	0.0236	0.007	356.22	17.47	12
N2	0.07900	0.1578	0.007	345.18	2.57	5.2e+002
M2	0.08051	0.7197	0.007	355.71	0.56	1.1e+004
L2	0.08202	0.0183	0.007	310.91	18.12	7.1
S2	0.08333	0.1525	0.007	19.86	2.59	4.9e+002
ETA2	0.08507	0.0057	0.007	23.71	57.95	0.68
MO3	0.11924	0.0028	0.003	163.90	60.74	0.72
M3	0.12077	0.0186	0.003	50.38	10.49	32
MK3	0.12229	0.0023	0.003	33.78	75.92	0.51
SK3	0.12511	0.0075	0.003	5.24	23.13	5.2
MN4	0.15951	0.0065	0.002	288.02	16.48	13
M4	0.16102	0.0058	0.002	310.92	18.38	11
SN4	0.16233	0.0046	0.002	65.60	22.39	6.9
MS4	0.16384	0.0139	0.002	232.31	7.44	62
S4	0.16667	0.0078	0.002	19.38	12.82	20
2MK5	0.20280	0.0011	0.001	114.10	36.18	2.4
2SK5	0.20845	0.0014	0.001	33.23	27.40	3.7
2MN6	0.24002	0.0021	0.001	309.36	15.05	17
M6	0.24153	0.0029	0.001	327.04	10.81	33
2MS6	0.24436	0.0013	0.001	70.04	24.33	6.2
2SM6	0.24718	0.0006	0.001	247.30	51.98	1.3
3MK7	0.28331	0.0006	0.001	325.86	60.86	0.88
M8	0.32205	0.0009	0.001	118.60	44.13	2.1