

file name: E:\CSULLIVAN\SOUTH\_CAROLINA\PLOTS\ADCP\ttide\_pres\_site2.txt

date: 28-Jan-2005

nobs = 16854, ngood = 16101, record length (days) = 175.56

start time: 28-Oct-2003 18:15:00

rayleigh criterion = 1.0

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

x0= 8.74, x trend= 0

var(x)= 0.36579 var(xp)= 0.28763 var(xres)= 0.078157

percent var predicted= 78.6 %

tidal amplitude and phase with 95% CI estimates

tide	freq	amp	amp_err	pha	pha_err	snr
MM	0.00151	0.0393	0.105	129.69	153.48	0.14
MSF	0.00282	0.0282	0.105	129.76	214.15	0.072
ALP1	0.03440	0.0046	0.007	330.31	80.73	0.4
2Q1	0.03571	0.0042	0.007	121.55	89.36	0.33
Q1	0.03722	0.0161	0.007	186.81	22.96	4.9
O1	0.03873	0.0744	0.007	193.71	4.88	1.1e+002
NO1	0.04027	0.0039	0.007	233.65	104.31	0.3
K1	0.04178	0.0945	0.007	192.32	4.04	1.7e+002
J1	0.04329	0.0081	0.007	222.15	46.34	1.3
OO1	0.04483	0.0020	0.007	199.24	138.93	0.078
UPS1	0.04634	0.0024	0.007	207.20	113.77	0.11
EPS2	0.07618	0.0031	0.009	348.27	186.06	0.11
MU2	0.07769	0.0298	0.009	353.41	18.72	10
N2	0.07900	0.1711	0.009	341.36	3.22	3.3e+002
M2	0.08051	0.7315	0.009	357.53	0.75	6.1e+003
L2	0.08202	0.0196	0.009	347.92	23.02	4.4
S2	0.08333	0.1378	0.009	20.77	3.88	2.2e+002
ETA2	0.08507	0.0038	0.009	57.62	118.82	0.16
MO3	0.11924	0.0008	0.005	87.48	310.41	0.028
M3	0.12077	0.0168	0.005	53.79	18.02	11
MK3	0.12229	0.0023	0.005	55.27	118.95	0.21
SK3	0.12511	0.0164	0.005	333.01	16.39	10
MN4	0.15951	0.0052	0.003	277.91	30.99	3.8
M4	0.16102	0.0062	0.003	283.09	26.14	5.3
SN4	0.16233	0.0021	0.003	85.74	74.80	0.62
MS4	0.16384	0.0108	0.003	237.96	14.50	16
S4	0.16667	0.0100	0.003	29.20	15.21	14
2MK5	0.20280	0.0009	0.001	44.40	63.51	0.77
2SK5	0.20845	0.0009	0.001	35.82	62.52	0.71
2MN6	0.24002	0.0013	0.001	270.17	36.01	3
M6	0.24153	0.0011	0.001	345.81	44.57	1.9
2MS6	0.24436	0.0008	0.001	173.22	55.88	1.2
2SM6	0.24718	0.0009	0.001	320.69	49.73	1.4
3MK7	0.28331	0.0007	0.001	228.70	63.19	0.82
M8	0.32205	0.0004	0.001	140.17	115.90	0.3