

file name: E:\CSULLIVAN\SOUTH\_CAROLINA\PLOTS\TTIDE\ttide\_curr\_site8\_bottom.txt

date: 10-Feb-2005

nobs = 17049, ngood = 17008, record length (days) = 177.59

start time: 29-Oct-2003 01:42:30

rayleigh criterion = 1.0

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

x0= -4.71, x trend= 0

var(x)= 512.7264 var(xp)= 16.5781 var(xres)= 496.1483

percent var predicted= 3.2 %

x0= -2.72, x trend= 0

var(y)= 378.4244 var(yp)= 18.1812 var(yres)= 360.2432

percent var predicted= 4.8 %

ellipse parameters with 95% CI estimates

tide	freq	major	emaj	minor	emin	inc	einc	pha	epha	snr
MM	0.00151	4.770	6.622	1.284	7.38	74.75	98.36	5.41	89.53	0.52
MSF	0.00282	2.363	7.340	0.244	6.67	159.62	164.53	91.50	180.67	0.1
ALP1	0.03440	1.083	1.747	0.646	1.69	34.24	144.89	326.04	147.02	0.38
2Q1	0.03571	1.744	1.732	-0.577	1.71	40.51	59.97	268.59	60.60	1
Q1	0.03722	1.155	1.678	0.183	1.76	117.23	80.51	104.11	76.86	0.47
O1	0.03873	0.649	1.654	-0.031	1.78	102.40	138.32	356.60	128.21	0.15
NO1	0.04027	0.436	1.660	0.010	1.78	72.95	231.60	138.03	216.05	0.069
K1	0.04178	1.315	1.675	0.154	1.76	64.14	72.25	56.43	68.68	0.62
J1	0.04329	0.722	1.782	0.192	1.66	14.80	133.06	41.13	141.77	0.16
OO1	0.04483	0.751	1.790	-0.011	1.65	174.64	85.35	334.11	92.70	0.18
UPS1	0.04634	0.801	1.741	-0.067	1.70	36.58	81.29	237.11	83.26	0.21
EPS2	0.07618	1.111	1.696	0.281	1.16	92.23	74.10	39.19	103.27	0.43
MU2	0.07769	0.313	1.680	-0.184	1.18	78.98	446.20	19.48	527.18	0.035
N2	0.07900	0.735	1.173	-0.163	1.68	170.97	143.78	319.79	103.84	0.39
M2	0.08051	4.041	1.205	1.099	1.66	164.26	26.65	294.12	20.24	11
L2	0.08202	0.820	1.383	0.251	1.52	142.29	102.04	16.22	94.54	0.35
S2	0.08333	0.642	1.675	-0.092	1.19	102.59	110.29	100.13	153.16	0.15
ETA2	0.08507	0.474	1.692	0.214	1.16	84.78	176.51	317.42	224.77	0.078
MO3	0.11924	0.255	1.018	0.098	1.19	37.45	297.44	8.02	264.54	0.063
M3	0.12077	0.860	1.279	0.316	0.91	61.66	81.76	151.63	105.82	0.45
MK3	0.12229	0.549	1.398	0.070	0.71	84.12	73.41	317.90	140.58	0.15
SK3	0.12511	0.782	1.010	0.424	1.20	36.84	125.84	197.28	114.70	0.6
MN4	0.15951	0.463	0.847	-0.014	0.99	56.60	129.53	182.63	110.96	0.3
M4	0.16102	0.686	1.027	-0.215	0.80	154.33	84.31	354.66	103.30	0.45
SN4	0.16233	0.350	1.083	-0.092	0.72	174.66	140.34	222.70	198.59	0.1
MS4	0.16384	0.523	0.914	-0.011	0.93	133.87	104.33	147.17	102.74	0.33
S4	0.16667	1.121	0.947	0.169	0.89	40.77	47.24	216.13	49.91	1.4
2MK5	0.20280	0.353	1.409	-0.074	0.87	176.71	151.44	299.92	234.65	0.063
2SK5	0.20845	0.485	1.353	0.098	0.95	159.00	112.32	40.65	154.79	0.13
2MN6	0.24002	0.598	0.825	0.256	0.59	81.01	87.64	263.30	109.90	0.53
M6	0.24153	0.499	0.829	0.050	0.58	93.79	74.13	183.94	104.39	0.36
2MS6	0.24436	0.324	0.778	-0.228	0.65	60.74	313.18	74.60	332.53	0.17
2SM6	0.24718	0.645	0.821	-0.032	0.60	101.97	54.51	202.21	74.98	0.62
3MK7	0.28331	0.347	0.718	0.150	0.77	129.26	168.20	269.93	160.30	0.23
M8	0.32205	0.540	0.581	-0.185	0.58	45.02	82.28	249.83	82.27	0.86

total var= 891.1508 pred var= 34.7593

percent total var predicted= 3.9 %