

file name: E:\CSULLIVAN\SOUTH\_CAROLINA\PLOTS\TTIDE\ttide\_curr\_site8\_6mbs.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= -19.8, x trend= 0

var(x)= 2262.1708 var(xp)= 57.0846 var(xres)= 2205.0862

percent var predicted= 2.5 %

x0= -15.8, x trend= 0

var(y)= 2131.9735 var(yp)= 17.4817 var(yres)= 2114.4918

percent var predicted= 0.8 %

ellipse parameters with 95% CI estimates

tide	freq	major	emaj	minor	emin	inc	einc	pha	epha	snr
MM	0.00151	7.490	22.881	-3.259	20.07	0.57	211.41	265.71	231.11	0.11
MSF	0.00282	4.730	22.791	-2.916	20.17	10.69	480.17	247.69	507.12	0.043
ALP1	0.03440	1.082	1.438	0.829	1.37	154.01	199.56	52.54	202.07	0.57
2Q1	0.03571	1.427	1.451	-0.003	1.36	15.54	49.14	197.65	52.53	0.97
Q1	0.03722	0.420	1.401	-0.169	1.41	133.30	218.98	40.77	218.25	0.09
O1	0.03873	1.474	1.394	0.361	1.42	50.69	52.68	296.08	51.97	1.1
NO1	0.04027	1.364	1.455	-0.415	1.35	169.65	65.23	261.22	69.30	0.88
K1	0.04178	1.618	1.399	1.090	1.41	47.83	101.26	41.79	100.97	1.3
J1	0.04329	0.539	1.458	-0.051	1.35	175.29	131.48	153.95	141.80	0.14
OO1	0.04483	0.694	1.376	0.026	1.43	119.63	80.38	8.69	77.25	0.25
UPS1	0.04634	0.354	1.446	0.116	1.36	160.14	173.05	255.51	181.61	0.06
EPS2	0.07618	0.937	1.373	0.448	1.19	95.64	117.57	35.88	128.34	0.47
MU2	0.07769	0.580	1.241	-0.012	1.33	30.24	137.08	186.83	127.82	0.22
N2	0.07900	1.046	1.292	0.328	1.28	46.81	83.89	167.40	84.51	0.66
M2	0.08051	5.019	1.201	1.507	1.37	167.64	18.22	284.47	16.35	17
L2	0.08202	0.697	1.262	0.113	1.31	37.33	94.08	231.01	90.78	0.31
S2	0.08333	1.111	1.354	-0.772	1.21	69.94	152.69	356.19	158.60	0.67
ETA2	0.08507	0.693	1.197	0.244	1.37	170.75	112.86	354.53	101.59	0.34
MO3	0.11924	0.443	0.996	0.026	1.11	14.83	130.06	162.03	116.51	0.2
M3	0.12077	0.758	1.063	-0.295	1.05	48.13	104.43	119.83	105.50	0.51
MK3	0.12229	0.438	1.106	-0.157	1.00	109.95	153.10	321.43	165.08	0.16
SK3	0.12511	0.734	1.033	0.582	1.08	35.17	261.59	147.38	259.05	0.51
MN4	0.15951	0.755	1.445	-0.458	1.03	165.66	171.75	166.05	199.60	0.27
M4	0.16102	0.729	1.128	0.447	1.37	60.96	204.62	92.56	187.34	0.42
SN4	0.16233	0.913	1.098	0.783	1.40	114.97	411.48	189.23	396.93	0.69
MS4	0.16384	0.599	1.344	-0.039	1.16	33.51	114.87	84.29	132.58	0.2
S4	0.16667	0.591	1.075	0.062	1.42	68.44	138.73	239.97	106.03	0.3
2MK5	0.20280	0.418	0.835	-0.258	1.01	78.78	244.26	30.61	224.43	0.25
2SK5	0.20845	0.489	1.017	-0.179	0.83	3.91	112.83	8.18	131.82	0.23
2MN6	0.24002	0.533	1.070	0.208	0.90	166.27	136.44	151.42	155.08	0.25
M6	0.24153	0.680	1.034	0.082	0.94	30.44	87.91	27.35	96.44	0.43
2MS6	0.24436	0.428	1.055	0.176	0.92	21.80	171.94	143.12	190.20	0.16
2SM6	0.24718	0.916	0.893	0.025	1.07	100.63	68.90	23.08	57.33	1.1
3MK7	0.28331	0.469	1.027	-0.167	1.09	7.96	160.35	166.26	153.36	0.21
M8	0.32205	0.607	0.887	0.217	0.90	149.50	115.32	195.81	113.64	0.47

total var= 4394.1443 pred var= 74.5663

percent total var predicted= 1.7 %