

file name: E:\CSULLIVAN\SOUTH_CAROLINA\PLOTS\TTIDE\ttide_curr_site8_4mbs.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= -13.3, x trend= 0

var(x)= 1538.3318 var(xp)= 22.5215 var(xres)= 1515.8103

percent var predicted= 1.5 %

x0= -18.1, x trend= 0

var(y)= 2848.2994 var(yp)= 55.6907 var(yres)= 2792.6087

percent var predicted= 2.0 %

ellipse parameters with 95% CI estimates

tide	freq	major	emaj	minor	emin	inc	einc	pha	epha	snr
MM	0.00151	9.231	16.412	-1.973	9.97	95.12	68.71	93.00	107.63	0.32
MSF	0.00282	2.527	14.219	-0.057	12.90	50.96	292.76	324.51	322.60	0.032
ALP1	0.03440	0.787	1.508	-0.142	1.24	106.62	84.78	85.63	101.80	0.27
2Q1	0.03571	0.876	1.267	-0.072	1.49	23.42	88.49	170.62	75.63	0.48
Q1	0.03722	0.321	1.266	-0.141	1.49	23.12	312.11	42.29	280.03	0.064
O1	0.03873	1.772	1.359	0.636	1.40	41.16	48.19	228.71	47.06	1.7
NO1	0.04027	1.015	1.248	-0.334	1.50	18.63	97.71	195.08	84.19	0.66
K1	0.04178	1.563	1.348	-0.698	1.41	39.11	64.80	8.93	62.80	1.3
J1	0.04329	0.585	1.227	-0.084	1.52	167.80	138.26	245.09	112.68	0.23
OO1	0.04483	1.294	1.530	-0.228	1.21	85.55	38.54	293.11	47.92	0.71
UPS1	0.04634	1.134	1.505	-0.061	1.24	72.17	41.81	231.01	50.50	0.57
EPS2	0.07618	1.107	1.081	-0.126	1.19	23.63	68.04	274.70	62.19	1.1
MU2	0.07769	0.417	1.088	-0.033	1.18	27.06	170.17	161.85	157.30	0.15
N2	0.07900	1.638	1.084	-0.475	1.18	154.81	48.05	291.98	44.66	2.3
M2	0.08051	4.573	1.062	1.491	1.20	167.71	18.02	299.62	16.30	19
L2	0.08202	0.791	1.136	0.106	1.13	45.77	70.79	54.82	71.04	0.49
S2	0.08333	1.140	1.208	0.330	1.06	85.36	60.94	223.54	68.27	0.89
ETA2	0.08507	0.997	1.065	-0.438	1.20	165.15	76.46	345.08	70.60	0.88
MO3	0.11924	0.547	1.110	-0.019	1.06	110.84	100.00	326.45	104.79	0.24
M3	0.12077	1.231	1.115	0.281	1.05	76.57	55.36	144.72	58.22	1.2
MK3	0.12229	0.606	1.113	0.110	1.06	107.39	99.60	35.46	104.52	0.3
SK3	0.12511	0.597	1.051	0.275	1.12	3.65	136.33	102.85	130.92	0.32
MN4	0.15951	0.718	1.086	-0.083	1.07	121.24	91.59	150.64	93.27	0.44
M4	0.16102	0.459	1.068	0.211	1.08	145.27	198.94	81.36	197.11	0.18
SN4	0.16233	0.332	1.067	0.058	1.08	32.83	200.85	270.83	197.72	0.097
MS4	0.16384	0.695	1.065	-0.065	1.09	30.37	93.08	83.06	91.29	0.43
S4	0.16667	1.115	1.077	0.516	1.07	46.63	77.30	306.66	77.41	1.1
2MK5	0.20280	0.789	1.114	-0.099	1.03	144.51	74.87	136.64	80.39	0.5
2SK5	0.20845	0.567	1.169	0.043	0.97	162.25	91.05	246.96	109.34	0.24
2MN6	0.24002	1.269	1.231	0.298	1.08	19.81	58.19	284.01	65.16	1.1
M6	0.24153	0.591	1.246	0.022	1.07	10.27	112.56	30.48	131.24	0.22
2MS6	0.24436	0.612	1.245	0.228	1.07	11.21	133.28	89.68	149.48	0.24
2SM6	0.24718	1.232	1.129	-0.325	1.19	125.61	62.87	208.55	60.06	1.2
3MK7	0.28331	0.723	1.047	-0.476	1.06	156.76	176.86	85.10	175.84	0.48
M8	0.32205	0.517	1.126	-0.164	1.18	145.67	168.83	128.66	162.89	0.21

total var= 4386.6312 pred var= 78.2122

percent total var predicted= 1.8 %