

file name: E:\CSULLIVAN\SOUTH\_CAROLINA\PLOTS\TTIDE\ttide\_curr\_site8\_surface.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= -5.85, x trend= 0

var(x)= 2023.8301 var(xp)= 34.9214 var(xres)= 1988.9087

percent var predicted= 1.7 %

x0= -10.2, x trend= 0

var(y)= 2198.9745 var(yp)= 27.9394 var(yres)= 2171.0352

percent var predicted= 1.3 %

ellipse parameters with 95% CI estimates

tide	freq	major	emaj	minor	emin	inc	einc	pha	epha	snr
MM	0.00151	3.965	4.067	-1.406	4.35	142.37	75.80	148.72	71.91	0.95
MSF	0.00282	1.677	3.645	0.177	4.71	9.60	163.40	325.22	127.11	0.21
ALP1	0.03440	0.919	1.420	-0.515	1.62	114.40	145.55	224.73	135.87	0.42
2Q1	0.03571	0.828	1.627	0.348	1.41	157.15	119.05	5.72	131.30	0.26
Q1	0.03722	1.380	1.648	-0.100	1.39	164.15	51.69	343.67	61.25	0.7
O1	0.03873	1.754	1.565	0.253	1.48	142.92	43.76	36.01	46.11	1.3
NO1	0.04027	0.878	1.515	0.468	1.53	133.34	156.50	36.80	155.50	0.34
K1	0.04178	1.656	1.556	0.137	1.49	141.06	48.03	337.94	50.06	1.1
J1	0.04329	1.065	1.609	0.558	1.43	27.40	111.53	159.20	119.10	0.44
OO1	0.04483	1.172	1.364	-0.019	1.67	93.17	55.37	108.25	45.29	0.74
UPS1	0.04634	0.791	1.523	0.242	1.53	45.26	84.31	66.20	84.19	0.27
EPS2	0.07618	0.946	1.576	0.336	1.83	74.68	144.58	350.06	128.82	0.36
MU2	0.07769	2.042	1.846	-0.153	1.56	174.29	45.95	248.94	54.39	1.2
N2	0.07900	3.312	1.791	0.050	1.62	152.70	28.83	211.87	31.87	3.4
M2	0.08051	6.340	1.691	0.517	1.72	131.76	16.16	197.97	15.86	14
L2	0.08202	1.947	1.837	0.526	1.57	167.88	43.90	295.55	50.32	1.1
S2	0.08333	1.158	1.812	-0.532	1.60	158.35	112.75	178.27	122.37	0.41
ETA2	0.08507	1.159	1.567	-0.007	1.84	78.17	75.75	40.51	64.61	0.55
MO3	0.11924	0.836	1.397	-0.250	1.38	109.74	97.30	133.95	98.45	0.36
M3	0.12077	0.854	1.400	0.201	1.38	97.38	104.39	272.07	106.05	0.37
MK3	0.12229	1.415	1.391	-0.432	1.38	126.54	61.19	342.52	61.46	1
SK3	0.12511	1.459	1.376	0.159	1.40	167.64	51.45	329.09	50.62	1.1
MN4	0.15951	2.459	1.154	0.384	1.16	146.24	29.65	174.92	29.48	4.5
M4	0.16102	1.742	1.156	-0.240	1.16	139.36	41.39	133.18	41.30	2.3
SN4	0.16233	0.969	1.149	-0.660	1.17	171.59	158.99	96.55	158.15	0.71
MS4	0.16384	1.257	1.160	-0.436	1.16	126.54	65.03	124.27	65.26	1.2
S4	0.16667	1.797	1.167	-0.728	1.15	89.40	47.27	8.57	47.79	2.4
2MK5	0.20280	0.728	1.330	-0.145	1.33	59.66	108.01	40.02	108.03	0.3
2SK5	0.20845	0.550	1.330	0.380	1.33	162.05	296.56	5.17	296.52	0.17
2MN6	0.24002	0.879	1.045	-0.278	1.07	116.94	87.69	207.44	86.26	0.71
M6	0.24153	0.547	1.073	0.187	1.04	178.60	141.43	145.14	145.28	0.26
2MS6	0.24436	0.834	1.070	-0.260	1.04	16.65	87.55	48.63	89.62	0.61
2SM6	0.24718	0.680	1.071	-0.198	1.04	166.26	102.27	152.02	104.91	0.4
3MK7	0.28331	0.903	1.246	-0.314	1.20	107.49	91.90	254.65	94.71	0.52
M8	0.32205	0.557	1.212	0.013	1.19	51.77	135.95	167.13	138.85	0.21

total var= 4222.8046 pred var= 62.8608

percent total var predicted= 1.5 %