

file name: E:\CSULLIVAN\SOUTH\_CAROLINA\PLOTS\TTIDE\ttide\_curr\_740\_4mbs.txt

date: 31-Jan-2005

nobs = 8139, ngood = 8137, record length (days) = 84.78

start time: 29-Jan-2004 15:30:00

rayleigh criterion = 1.0

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

x0= 0.855, x trend= 0

var(x)= 75.1756 var(xp)= 24.8612 var(xres)= 50.3144

percent var predicted= 33.1 %

x0= -0.874, x trend= 0

var(y)= 47.5126 var(yp)= 21.813 var(yres)= 25.6996

percent var predicted= 45.9 %

ellipse parameters with 95% CI estimates

tide	freq	major	emaj	minor	emin	inc	einc	pha	epha	snr
MM	0.00151	2.270	2.022	-0.153	1.98	39.57	50.34	296.10	51.38	1.3
MSF	0.00282	4.008	2.069	0.032	1.93	25.58	27.61	353.87	29.58	3.8
ALP1	0.03440	0.399	0.594	0.077	0.44	155.63	60.05	332.31	78.96	0.45
2Q1	0.03571	0.484	0.621	0.108	0.40	10.03	47.52	250.49	70.14	0.61
Q1	0.03722	0.442	0.545	-0.078	0.50	39.46	60.23	270.81	65.17	0.66
O1	0.03873	0.441	0.501	-0.143	0.54	129.39	71.81	118.85	67.04	0.78
NO1	0.04027	0.515	0.589	-0.107	0.45	26.11	57.26	91.21	73.53	0.76
K1	0.04178	1.209	0.463	-0.377	0.58	59.83	28.69	107.44	23.98	6.8
J1	0.04329	0.396	0.424	-0.055	0.61	109.04	80.70	187.43	57.25	0.87
OO1	0.04483	0.299	0.435	-0.167	0.60	112.56	122.66	199.80	104.29	0.47
UPS1	0.04634	0.226	0.453	0.073	0.59	117.38	112.20	144.43	91.20	0.25
EPS2	0.07618	0.289	0.297	-0.053	0.29	48.52	65.43	208.90	67.84	0.95
MU2	0.07769	0.365	0.242	-0.126	0.33	6.39	63.74	160.65	49.76	2.3
N2	0.07900	1.500	0.304	0.491	0.28	126.99	13.00	255.91	13.95	24
M2	0.08051	7.926	0.292	1.126	0.29	134.25	2.22	273.90	2.24	7.3e+002
L2	0.08202	0.286	0.322	0.031	0.26	67.58	42.63	200.01	53.24	0.79
S2	0.08333	2.169	0.309	0.127	0.27	123.47	7.23	302.80	8.18	49
ETA2	0.08507	0.068	0.286	0.025	0.30	137.93	257.17	179.60	250.98	0.056
MO3	0.11924	0.098	0.178	0.031	0.23	8.29	136.74	109.22	112.65	0.3
M3	0.12077	0.297	0.182	0.005	0.22	163.24	45.00	342.35	36.56	2.7
MK3	0.12229	0.201	0.227	-0.023	0.18	82.61	49.10	221.16	62.14	0.79
SK3	0.12511	0.269	0.215	0.107	0.19	120.70	48.89	330.91	53.25	1.6
MN4	0.15951	0.174	0.120	0.060	0.12	39.06	49.56	83.79	49.72	2.1
M4	0.16102	0.289	0.119	0.077	0.12	119.42	27.98	117.99	27.72	6
SN4	0.16233	0.166	0.120	-0.011	0.12	35.64	42.38	197.83	42.65	1.9
MS4	0.16384	0.461	0.118	0.380	0.12	69.08	62.10	86.08	61.92	15
S4	0.16667	0.245	0.119	0.077	0.12	64.39	32.55	276.52	32.20	4.3
2MK5	0.20280	0.046	0.082	-0.032	0.11	4.89	302.16	118.21	272.66	0.31
2SK5	0.20845	0.122	0.102	-0.048	0.09	52.06	52.35	51.73	55.30	1.4
2MN6	0.24002	0.127	0.100	0.063	0.09	36.49	67.31	49.72	71.28	1.6
M6	0.24153	0.121	0.109	-0.034	0.08	9.65	47.75	67.93	62.33	1.2
2MS6	0.24436	0.082	0.108	-0.031	0.08	16.27	77.88	115.98	95.83	0.59
2SM6	0.24718	0.132	0.097	-0.002	0.09	42.23	41.83	213.61	43.16	1.9
3MK7	0.28331	0.077	0.076	-0.023	0.07	42.90	63.27	41.83	63.81	1
M8	0.32205	0.067	0.061	-0.049	0.06	91.75	144.45	96.33	147.69	1.2

total var= 122.6881 pred var= 46.6741

percent total var predicted= 38.0 %