

file name: E:\CSULLIVAN\SOUTH_CAROLINA\PLOTS\TTIDE\ttide_curr_740_6mbs.txt

date: 15-May-2006

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= 0.411, x trend= 0

var(x)= 57.0791 var(xp)= 21.919 var(xres)= 35.1601

percent var predicted= 38.4 %

x0= -0.31, x trend= 0

var(y)= 45.2338 var(yp)= 20.8367 var(yres)= 24.397

percent var predicted= 46.1 %

ellipse parameters with 95% CI estimates

tide	freq	major	emaj	minor	emin	inc	einc	pha	epha	snr
MM	0.00151	2.150	1.740	-0.155	1.74	43.73	46.60	296.20	46.72	1.5
MSF	0.00282	3.103	1.757	0.040	1.72	34.40	31.74	349.61	32.45	3.1
ALP1	0.03440	0.387	0.607	0.041	0.52	84.76	69.75	292.84	80.66	0.41
2Q1	0.03571	0.711	0.588	-0.049	0.55	60.00	39.73	307.44	42.80	1.5
Q1	0.03722	0.729	0.552	-0.163	0.58	34.87	43.47	260.30	41.47	1.7
O1	0.03873	0.613	0.563	-0.250	0.57	137.57	59.97	103.28	59.39	1.2
NO1	0.04027	0.588	0.524	-0.109	0.61	8.09	65.70	65.73	57.38	1.3
K1	0.04178	0.714	0.608	0.146	0.52	93.37	41.34	143.97	47.46	1.4
J1	0.04329	0.528	0.579	-0.417	0.55	53.18	185.64	123.28	187.47	0.83
OO1	0.04483	0.279	0.538	-0.154	0.59	155.75	133.15	17.65	126.24	0.27
UPS1	0.04634	0.267	0.523	-0.091	0.61	2.50	100.95	60.00	89.61	0.26
EPS2	0.07618	0.298	0.327	-0.075	0.23	14.16	54.53	233.75	74.72	0.83
MU2	0.07769	0.336	0.322	0.135	0.23	19.73	57.15	186.22	71.40	1.1
N2	0.07900	1.651	0.249	0.378	0.31	118.12	11.91	252.86	9.75	44
M2	0.08051	7.870	0.282	1.236	0.28	135.14	2.19	273.07	2.19	7.8e+002
L2	0.08202	0.402	0.244	0.027	0.31	64.40	36.56	221.68	28.48	2.7
S2	0.08333	1.892	0.281	0.159	0.28	134.58	8.63	307.76	8.59	45
ETA2	0.08507	0.325	0.331	0.003	0.22	173.36	32.44	168.47	48.59	0.96
MO3	0.11924	0.111	0.171	0.051	0.20	18.33	126.57	131.94	114.26	0.42
M3	0.12077	0.380	0.173	0.054	0.20	157.94	32.21	337.05	28.12	4.8
MK3	0.12229	0.135	0.204	-0.009	0.17	87.60	67.66	272.26	82.30	0.44
SK3	0.12511	0.254	0.182	0.103	0.19	142.06	50.84	346.13	49.13	1.9
MN4	0.15951	0.160	0.134	0.053	0.13	51.52	60.36	71.10	59.96	1.4
M4	0.16102	0.378	0.133	-0.051	0.14	115.57	22.36	123.92	21.87	8.1
SN4	0.16233	0.202	0.134	-0.004	0.13	46.12	39.19	211.88	39.13	2.3
MS4	0.16384	0.539	0.132	0.356	0.14	100.32	31.53	126.23	31.12	17
S4	0.16667	0.224	0.133	0.023	0.14	59.80	35.12	269.64	34.52	2.8
2MK5	0.20280	0.040	0.091	-0.012	0.10	147.74	157.79	290.82	145.51	0.2
2SK5	0.20845	0.133	0.090	-0.063	0.10	28.87	55.99	63.60	51.89	2.2
2MN6	0.24002	0.122	0.100	0.023	0.08	9.95	44.79	19.86	53.93	1.5
M6	0.24153	0.092	0.100	0.016	0.08	14.03	59.40	77.31	70.79	0.85
2MS6	0.24436	0.132	0.088	-0.054	0.10	57.02	56.38	89.06	53.05	2.3
2SM6	0.24718	0.044	0.101	-0.021	0.08	175.03	167.00	80.91	189.84	0.19
3MK7	0.28331	0.032	0.074	0.014	0.08	60.96	198.08	11.05	189.20	0.18
M8	0.32205	0.042	0.061	-0.024	0.06	103.89	162.06	55.57	164.14	0.47

total var= 102.3128 pred var= 42.7557

percent total var predicted= 41.8 %