

file name: E:\CSULLIVAN\SOUTH\_CAROLINA\PLOTS\TTIDE\ttide\_curr\_733\_4mbs.txt  
date: 31-Jan-2005  
nobs = 2934, ngood = 2931, record length (days) = 30.56  
start time: 29-Oct-2003 20:00:00  
rayleigh criterion = 1.0  
Greenwich phase computed with nodal corrections applied to amplitude and phase relative to center time

x0= -0.024, x trend= 0

var(x)= 40.4447 var(xp)= 17.432 var(xres)= 23.0127  
percent var predicted= 43.1 %

x0= -0.847, x trend= 0

var(y)= 27.0348 var(yp)= 7.5488 var(yres)= 19.486  
percent var predicted= 27.9 %

ellipse parameters with 95% CI estimates

tide	freq	major	emaj	minor	emin	inc	einc	pha	epha	snr
MSF	0.00282	2.870	3.370	-0.209	3.30	39.94	66.33	178.33	67.81	0.73
2Q1	0.03571	0.150	0.416	-0.033	0.32	103.78	121.32	100.89	153.97	0.13
Q1	0.03722	0.534	0.340	-0.213	0.40	28.48	48.05	118.02	42.80	2.5
O1	0.03873	0.273	0.399	0.091	0.34	61.37	75.97	341.65	86.25	0.47
NO1	0.04027	0.268	0.314	0.243	0.42	7.02	534.58	14.79	519.75	0.73
K1	0.04178	1.266	0.385	0.569	0.36	52.95	20.75	4.43	21.88	11
J1	0.04329	0.627	0.370	0.125	0.37	44.97	32.87	58.24	32.86	2.9
OO1	0.04483	0.111	0.387	0.074	0.35	54.03	275.16	327.69	284.83	0.082
UPS1	0.04634	0.419	0.312	-0.064	0.42	176.60	39.65	22.04	29.87	1.8
N2	0.07900	1.365	0.451	0.536	0.32	156.23	18.84	275.80	23.91	9.1
M2	0.08051	5.491	0.451	2.080	0.33	155.97	4.58	282.63	5.83	1.5e+002
S2	0.08333	1.091	0.461	0.407	0.31	161.12	21.64	272.99	28.92	5.6
ETA2	0.08507	0.353	0.358	-0.146	0.43	55.63	73.73	176.14	65.28	0.97
MO3	0.11924	0.103	0.224	0.081	0.14	94.51	303.63	321.23	335.95	0.21
M3	0.12077	0.232	0.145	0.015	0.22	12.82	56.98	215.36	37.53	2.5
MK3	0.12229	0.211	0.148	-0.036	0.22	15.73	58.54	192.63	40.35	2
SK3	0.12511	0.421	0.148	0.158	0.22	16.23	33.14	56.07	24.85	8.1
MN4	0.15951	0.228	0.139	0.056	0.15	120.36	44.09	115.20	40.52	2.7
M4	0.16102	0.162	0.144	-0.118	0.15	49.76	144.18	199.50	142.77	1.3
MS4	0.16384	0.318	0.133	0.267	0.16	105.48	121.78	111.79	118.34	5.7
S4	0.16667	0.191	0.134	-0.062	0.16	107.70	54.45	237.46	47.87	2
2MK5	0.20280	0.056	0.126	-0.001	0.13	84.01	134.02	1.10	125.87	0.2
2SK5	0.20845	0.337	0.126	-0.005	0.13	78.17	21.05	213.23	19.85	7.1
2MN6	0.24002	0.085	0.155	0.019	0.15	133.09	122.27	258.96	122.05	0.3
M6	0.24153	0.325	0.155	-0.010	0.15	36.70	29.32	54.80	29.57	4.4
2MS6	0.24436	0.206	0.153	0.010	0.16	65.88	45.73	39.77	44.84	1.8
2SM6	0.24718	0.083	0.157	-0.005	0.15	5.78	108.88	260.90	112.08	0.28
3MK7	0.28331	0.028	0.116	-0.015	0.11	123.31	354.09	308.11	366.46	0.057
M8	0.32205	0.129	0.086	-0.024	0.09	48.73	44.52	140.24	44.40	2.2

total var= 67.4795 pred var= 24.9808  
percent total var predicted= 37.0 %