

file name: E:\CSULLIVAN\SOUTH\_CAROLINA\PLOTS\TTIDE\ttide\_curr\_731\_4mbs.txt  
date: 15-May-2006  
nobs = 1640, ngood = 1636, record length (days) = 17.08  
start time: 28-Oct-2003 15:57:30  
rayleigh criterion = 1.0  
Greenwich phase computed with nodal corrections applied to amplitude and phase relative to center time

x0= -2.51, x trend= 0

var(x)= 56.4834 var(xp)= 22.1158 var(xres)= 34.3676  
percent var predicted= 39.2 %

x0= -2.78, x trend= 0

var(y)= 31.6182 var(yp)= 6.138 var(yres)= 25.4802  
percent var predicted= 19.4 %

ellipse parameters with 95% CI estimates

tide	freq	major	emaj	minor	emin	inc	einc	pha	epha	snr
MSF	0.00282	4.736	0.655	-0.651	0.43	25.95	5.42	180.64	8.11	52
O1	0.03873	0.377	0.688	0.229	0.37	163.83	118.97	64.08	153.84	0.3
K1	0.04178	0.953	0.694	0.333	0.36	13.91	27.72	318.96	44.75	1.9
M2	0.08051	5.518	0.504	1.951	0.53	159.59	6.82	295.67	6.54	1.2e+002
S2	0.08333	1.431	0.501	0.381	0.53	166.01	23.71	271.79	22.44	8.1
M3	0.12077	0.605	0.234	0.255	0.16	78.32	22.82	266.79	29.08	6.7
SK3	0.12511	0.399	0.236	0.225	0.16	85.75	40.65	99.47	49.24	2.9
M4	0.16102	0.291	0.183	-0.210	0.23	71.31	114.51	202.68	106.22	2.5
MS4	0.16384	0.331	0.208	-0.048	0.21	134.26	38.40	137.19	38.12	2.5
S4	0.16667	0.229	0.181	0.058	0.23	106.74	63.58	277.56	50.96	1.6
2MK5	0.20280	0.200	0.124	0.111	0.13	122.63	59.38	255.11	57.79	2.6
2SK5	0.20845	0.240	0.132	-0.136	0.12	25.44	46.85	258.91	48.75	3.3
M6	0.24153	0.460	0.243	-0.005	0.26	31.27	35.02	29.16	32.50	3.6
2MS6	0.24436	0.288	0.263	0.168	0.24	61.68	90.33	65.86	94.36	1.2
2SM6	0.24718	0.276	0.241	-0.105	0.26	28.49	69.33	192.89	64.92	1.3
3MK7	0.28331	0.228	0.204	0.021	0.17	32.50	44.05	145.38	51.75	1.2
M8	0.32205	0.241	0.137	-0.086	0.14	86.68	45.58	262.84	43.78	3.1

total var= 88.1015 pred var= 28.2537  
percent total var predicted= 32.1 %