

file name: E:\CSULLIVAN\SOUTH\_CAROLINA\PLOTS\TTIDE\ttide\_curr\_731\_6mbs.txt  
 date: 15-May-2006  
 nobs = 1640, ngood = 1638, 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= -1.25, x trend= 0

var(x)= 50.6332 var(xp)= 24.4209 var(xres)= 26.2123  
 percent var predicted= 48.2 %

x0= -2.03, x trend= 0

var(y)= 31.8286 var(yp)= 8.5123 var(yres)= 23.3163  
 percent var predicted= 26.7 %

ellipse parameters with 95% CI estimates

tide	freq	major	emaj	minor	emin	inc	einc	pha	epha	snr
MSF	0.00282	5.430	0.803	-1.151	0.98	28.54	11.04	184.96	9.17	46
O1	0.03873	0.892	0.730	-0.605	1.04	11.40	121.04	349.68	106.64	1.5
K1	0.04178	1.867	0.849	-0.014	0.94	143.34	26.83	83.22	24.12	4.8
M2	0.08051	5.167	0.428	2.270	0.42	162.43	6.53	295.08	6.57	1.5e+002
S2	0.08333	1.376	0.428	0.588	0.42	23.95	23.50	125.36	23.63	10
M3	0.12077	0.681	0.191	0.307	0.24	71.25	28.03	264.99	24.09	13
SK3	0.12511	0.612	0.239	0.353	0.19	22.08	30.79	60.67	34.13	6.6
M4	0.16102	0.200	0.288	0.007	0.29	116.68	87.90	150.05	86.83	0.48
MS4	0.16384	0.365	0.288	0.018	0.29	65.35	47.01	66.44	46.38	1.6
S4	0.16667	0.337	0.288	0.022	0.29	118.52	49.76	283.49	49.21	1.4
2MK5	0.20280	0.207	0.197	0.065	0.18	144.08	56.00	274.11	61.01	1.1
2SK5	0.20845	0.242	0.211	0.099	0.16	162.10	47.89	123.52	58.22	1.3
M6	0.24153	0.406	0.144	-0.172	0.19	62.98	37.19	17.44	30.68	7.9
2MS6	0.24436	0.541	0.173	-0.164	0.17	42.26	21.24	93.28	22.04	9.8
2SM6	0.24718	0.342	0.135	0.013	0.20	70.85	33.98	182.05	23.19	6.4
3MK7	0.28331	0.331	0.228	-0.047	0.18	24.77	32.05	196.69	40.35	2.1
M8	0.32205	0.092	0.148	0.042	0.15	78.06	140.77	282.31	140.99	0.39

total var= 82.4618 pred var= 32.9332  
 percent total var predicted= 39.9 %