

file name: E:\CSULLIVAN\SOUTH_CAROLINA\PLOTS\TTIDE\ttide_curr_731_bottom.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= -1.51, x trend= 0

var(x)= 26.7385 var(xp)= 10.9882 var(xres)= 15.7503

percent var predicted= 41.1 %

x0= -0.998, x trend= 0

var(y)= 21.5128 var(yp)= 6.9808 var(yres)= 14.532

percent var predicted= 32.4 %

ellipse parameters with 95% CI estimates

tide	freq	major	emaj	minor	emin	inc	einc	pha	epha	snr
MSF	0.00282	4.642	0.427	-0.758	0.46	39.81	5.95	184.58	5.49	1.2e+002
O1	0.03873	0.497	0.364	-0.178	0.51	21.88	62.10	354.82	47.70	1.9
K1	0.04178	0.611	0.348	-0.383	0.53	163.58	81.30	65.88	68.51	3.1
M2	0.08051	3.016	0.500	2.184	0.52	166.71	25.99	281.14	25.65	36
S2	0.08333	1.055	0.508	0.004	0.51	36.31	27.93	143.75	27.54	4.3
M3	0.12077	0.352	0.219	0.273	0.20	23.84	111.15	168.99	113.37	2.6
SK3	0.12511	0.406	0.221	0.257	0.20	13.49	53.03	17.49	55.46	3.4
M4	0.16102	0.306	0.164	0.088	0.16	139.06	35.07	69.49	36.41	3.5
MS4	0.16384	0.449	0.182	0.115	0.14	12.44	20.08	318.69	25.88	6.1
S4	0.16667	0.312	0.133	-0.044	0.18	84.67	34.47	183.37	25.43	5.5
2MK5	0.20280	0.076	0.135	0.023	0.17	167.97	143.15	213.89	116.15	0.32
2SK5	0.20845	0.201	0.153	0.159	0.16	41.73	139.31	55.87	138.32	1.7
M6	0.24153	0.212	0.191	-0.111	0.20	41.66	89.86	353.02	87.14	1.2
2MS6	0.24436	0.425	0.166	0.083	0.22	26.05	33.00	52.93	25.23	6.5
2SM6	0.24718	0.237	0.237	0.072	0.14	93.08	43.93	227.04	65.60	1
3MK7	0.28331	0.172	0.250	-0.070	0.21	108.36	93.06	180.99	104.47	0.48
M8	0.32205	0.231	0.197	0.047	0.18	82.33	52.26	132.31	57.15	1.4

total var= 48.2512 pred var= 17.9689

percent total var predicted= 37.2 %