

file name: E:\CSULLIVAN\SOUTH\_CAROLINA\PLOTS\ADCP\ttide\_curr\_site2\_surface.txt

date: 28-Jan-2005

nobs = 16854, ngood = 16101, record length (days) = 175.56

start time: 28-Oct-2003 18:15:00

rayleigh criterion = 1.0

Greenwich phase computed with nodal corrections applied to amplitude and phase relative to center time

x0= 1.79, x trend= 0

var(x)= 205.8527 var(xp)= 24.03 var(xres)= 181.8227

percent var predicted= 11.7 %

x0= -1.78, x trend= 0

var(y)= 215.8966 var(yp)= 15.9503 var(yres)= 199.9464

percent var predicted= 7.4 %

ellipse parameters with 95% CI estimates

tide	freq	major	emaj	minor	emin	inc	einc	pha	epha	snr
MM	0.00151	2.959	3.957	0.193	4.04	52.09	78.72	276.33	77.13	0.56
MSF	0.00282	2.291	3.890	0.981	4.10	64.69	135.64	282.40	130.74	0.35
ALP1	0.03440	0.717	0.706	-0.540	0.64	118.86	136.99	29.10	140.56	1
2Q1	0.03571	0.550	0.730	-0.116	0.62	97.50	62.33	351.85	72.84	0.57
Q1	0.03722	0.721	0.724	0.224	0.62	74.49	51.65	263.98	58.48	0.99
O1	0.03873	1.194	0.710	-0.103	0.64	116.05	27.12	227.18	30.16	2.8
NO1	0.04027	0.401	0.637	-0.301	0.71	25.60	275.86	159.10	267.50	0.4
K1	0.04178	1.977	0.668	-1.677	0.68	138.23	84.47	272.06	84.20	8.7
J1	0.04329	0.437	0.732	-0.016	0.61	87.65	72.87	261.61	86.86	0.36
OO1	0.04483	0.296	0.635	-0.016	0.71	155.55	94.02	359.81	83.82	0.22
UPS1	0.04634	0.418	0.719	-0.054	0.63	110.27	58.64	337.91	66.74	0.34
EPS2	0.07618	0.881	1.264	-0.332	1.01	88.56	92.40	117.27	108.97	0.49
MU2	0.07769	1.173	1.260	-0.721	1.02	81.60	104.77	266.28	115.13	0.87
N2	0.07900	1.579	1.252	0.356	1.03	103.38	41.92	273.38	50.06	1.6
M2	0.08051	6.030	1.047	1.689	1.24	159.61	13.46	315.07	11.68	33
L2	0.08202	1.086	1.117	0.853	1.17	38.37	169.89	243.70	167.89	0.95
S2	0.08333	0.985	1.094	0.220	1.20	146.92	74.59	259.62	68.87	0.81
ETA2	0.08507	0.810	1.027	-0.225	1.25	12.46	82.18	172.75	69.29	0.62
MO3	0.11924	0.637	0.419	-0.134	0.36	117.59	31.50	1.03	36.02	2.3
M3	0.12077	0.515	0.360	0.099	0.42	153.32	51.17	340.15	44.37	2
MK3	0.12229	1.041	0.402	-0.638	0.38	128.50	37.72	95.95	38.72	6.7
SK3	0.12511	0.395	0.434	-0.165	0.34	103.26	62.91	132.98	73.97	0.83
MN4	0.15951	0.330	0.492	0.009	0.44	67.91	81.20	150.21	90.43	0.45
M4	0.16102	0.335	0.501	-0.003	0.43	95.02	77.88	177.44	90.35	0.45
SN4	0.16233	0.657	0.489	-0.194	0.44	114.97	45.90	357.25	49.77	1.8
MS4	0.16384	0.536	0.499	-0.130	0.43	101.15	52.49	101.81	59.41	1.2
S4	0.16667	0.355	0.433	0.179	0.50	9.14	117.51	233.73	107.96	0.67
2MK5	0.20280	0.333	0.206	0.078	0.21	119.62	37.38	10.99	37.47	2.6
2SK5	0.20845	0.172	0.206	0.041	0.21	168.61	68.91	146.64	68.63	0.7
2MN6	0.24002	0.984	0.275	0.276	0.27	153.54	19.02	171.45	19.51	13
M6	0.24153	1.239	0.275	-0.149	0.27	158.91	13.61	187.65	14.10	20
2MS6	0.24436	0.423	0.275	-0.055	0.27	157.49	38.97	185.51	40.29	2.4
2SM6	0.24718	0.334	0.264	-0.024	0.28	101.14	48.99	251.78	46.86	1.6
3MK7	0.28331	0.493	0.185	-0.034	0.19	146.16	22.54	223.73	21.57	7.1
M8	0.32205	0.448	0.115	-0.178	0.12	172.64	22.28	342.32	21.10	15

total var= 421.7493 pred var= 39.9803

percent total var predicted= 9.5 %