

## APPENDIX D

### Field References (Solubility of Oxygen in Water and Local Tides Charts)

**Table 6.2-6. Solubility of oxygen in water at various temperatures and pressures**  
 [From R.F. Weiss (1970). Temp °C, temperature in degrees Celsius; atmospheric pressures from 695 to 600 millimeters mercury begin after 40°C]

Temp °C	Atmospheric pressure, in millimeters of mercury																			
	795	790	785	780	775	770	765	760	755	750	745	740	735	730	725	720	715	710	705	700
0.0	15.3	15.2	15.1	15.0	14.9	14.8	14.7	14.6	14.5	14.4	14.3	14.2	14.1	14.0	13.9	13.8	13.7	13.6	13.5	13.4
0.5	15.1	15.0	14.9	14.8	14.7	14.6	14.5	14.4	14.3	14.2	14.1	14.0	13.9	13.8	13.7	13.6	13.5	13.4	13.3	13.2
1.0	14.8	14.7	14.6	14.5	14.4	14.3	14.2	14.1	14.0	13.9	13.8	13.7	13.6	13.5	13.4	13.3	13.2	13.1	13.0	12.9
1.5	14.6	14.5	14.4	14.3	14.2	14.1	14.0	13.9	13.8	13.7	13.6	13.5	13.4	13.3	13.2	13.1	13.0	12.9	12.8	12.7
2.0	14.4	14.3	14.2	14.1	14.0	13.9	13.8	13.7	13.6	13.5	13.4	13.3	13.2	13.1	13.0	12.9	12.8	12.7	12.6	12.5
2.5	14.2	14.1	14.0	13.9	13.8	13.7	13.6	13.5	13.4	13.3	13.2	13.1	13.0	12.9	12.8	12.7	12.6	12.5	12.4	12.3
3.0	14.1	14.0	13.9	13.8	13.7	13.6	13.5	13.4	13.3	13.2	13.1	13.0	12.9	12.8	12.7	12.6	12.5	12.4	12.3	12.2
3.5	13.9	13.8	13.7	13.6	13.5	13.4	13.3	13.2	13.1	13.0	12.9	12.8	12.7	12.6	12.5	12.4	12.3	12.2	12.1	12.0
4.0	13.7	13.6	13.5	13.4	13.3	13.2	13.1	13.0	12.9	12.8	12.7	12.6	12.5	12.4	12.3	12.2	12.1	12.0	11.9	11.8
4.5	13.5	13.4	13.3	13.2	13.1	13.0	12.9	12.8	12.7	12.6	12.5	12.4	12.3	12.2	12.1	12.0	11.9	11.8	11.7	11.6
5.0	13.3	13.2	13.1	13.0	12.9	12.8	12.7	12.6	12.5	12.4	12.3	12.2	12.1	12.0	11.9	11.8	11.7	11.6	11.5	11.4
5.5	13.2	13.1	13.0	12.9	12.8	12.7	12.6	12.5	12.4	12.3	12.2	12.1	12.0	11.9	11.8	11.7	11.6	11.5	11.4	11.3
6.0	13.0	12.9	12.8	12.7	12.6	12.5	12.4	12.3	12.2	12.1	12.0	11.9	11.8	11.7	11.6	11.5	11.4	11.3	11.2	11.1
6.5	12.8	12.7	12.6	12.5	12.4	12.3	12.2	12.1	12.0	11.9	11.8	11.7	11.6	11.5	11.4	11.3	11.2	11.1	11.0	10.9
7.0	12.7	12.6	12.5	12.4	12.3	12.2	12.1	12.0	11.9	11.8	11.7	11.6	11.5	11.4	11.3	11.2	11.1	11.0	10.9	10.8
7.5	12.5	12.4	12.3	12.2	12.1	12.0	11.9	11.8	11.7	11.6	11.5	11.4	11.3	11.2	11.1	11.0	10.9	10.8	10.7	10.6
8.0	12.4	12.3	12.2	12.1	12.0	11.9	11.8	11.7	11.6	11.5	11.4	11.3	11.2	11.1	11.0	10.9	10.8	10.7	10.6	10.5
8.5	12.2	12.1	12.0	11.9	11.8	11.7	11.6	11.5	11.4	11.3	11.2	11.1	11.0	10.9	10.8	10.7	10.6	10.5	10.4	10.3
9.0	12.1	12.0	11.9	11.8	11.7	11.6	11.5	11.4	11.3	11.2	11.1	11.0	10.9	10.8	10.7	10.6	10.5	10.4	10.3	10.2
9.5	11.9	11.8	11.7	11.6	11.5	11.4	11.3	11.2	11.1	11.0	10.9	10.8	10.7	10.6	10.5	10.4	10.3	10.2	10.1	10.0
10.0	11.8	11.7	11.6	11.5	11.4	11.3	11.2	11.1	11.0	10.9	10.8	10.7	10.6	10.5	10.4	10.3	10.2	10.1	10.0	9.9
10.5	11.7	11.6	11.5	11.4	11.3	11.2	11.1	11.0	10.9	10.8	10.7	10.6	10.5	10.4	10.3	10.2	10.1	10.0	9.9	9.8
11.0	11.5	11.4	11.3	11.2	11.1	11.0	10.9	10.8	10.7	10.6	10.5	10.4	10.3	10.2	10.1	10.0	9.9	9.8	9.7	9.6
11.5	11.4	11.3	11.2	11.1	11.0	10.9	10.8	10.7	10.6	10.5	10.4	10.3	10.2	10.1	10.0	9.9	9.8	9.7	9.6	9.5
12.0	11.3	11.2	11.1	11.0	10.9	10.8	10.7	10.6	10.5	10.4	10.3	10.2	10.1	10.0	9.9	9.8	9.7	9.6	9.5	9.4
12.5	11.1	11.0	10.9	10.8	10.7	10.6	10.5	10.4	10.3	10.2	10.1	10.0	9.9	9.8	9.7	9.6	9.5	9.4	9.3	9.2
13.0	11.0	10.9	10.8	10.7	10.6	10.5	10.4	10.3	10.2	10.1	10.0	9.9	9.8	9.7	9.6	9.5	9.4	9.3	9.2	9.1
13.5	10.9	10.8	10.7	10.6	10.5	10.4	10.3	10.2	10.1	10.0	9.9	9.8	9.7	9.6	9.5	9.4	9.3	9.2	9.1	9.0
14.0	10.8	10.7	10.6	10.5	10.4	10.3	10.2	10.1	10.0	9.9	9.8	9.7	9.6	9.5	9.4	9.3	9.2	9.1	9.0	8.9
14.5	10.6	10.5	10.4	10.3	10.2	10.1	10.0	9.9	9.8	9.7	9.6	9.5	9.4	9.3	9.2	9.1	9.0	8.9	8.8	8.7

**Table 6.2-6. Solubility of oxygen in water at various temperatures and pressures—Continued**

Temp °C	Atmospheric pressure, in millimeters of mercury																			
	795	790	785	780	775	770	765	760	755	750	745	740	735	730	725	720	715	710	705	700
15.0	10.5	10.5	10.4	10.3	10.3	10.2	10.1	10.1	10.0	9.9	9.9	9.8	9.7	9.7	9.6	9.5	9.5	9.4	9.3	9.3
15.5	10.4	10.4	10.3	10.2	10.2	10.1	10.0	10.0	9.9	9.8	9.8	9.7	9.6	9.6	9.5	9.4	9.4	9.3	9.2	9.2
16.0	10.3	10.2	10.2	10.1	10.0	10.0	9.8	9.8	9.7	9.6	9.7	9.6	9.5	9.5	9.4	9.3	9.3	9.2	9.1	9.1
16.5	10.2	10.1	10.1	10.0	9.9	9.8	9.7	9.7	9.6	9.5	9.5	9.4	9.4	9.3	9.2	9.2	9.1	9.1	9.0	9.0
17.0	10.1	10.0	10.0	9.9	9.8	9.8	9.7	9.6	9.6	9.5	9.4	9.4	9.3	9.2	9.2	9.1	9.1	9.0	8.9	8.9
17.5	10.0	9.9	9.9	9.8	9.7	9.7	9.6	9.5	9.5	9.4	9.3	9.3	9.2	9.2	9.1	9.0	9.0	8.9	8.8	8.8
18.0	9.9	9.8	9.8	9.7	9.6	9.6	9.5	9.4	9.4	9.3	9.2	9.2	9.1	9.1	9.0	8.9	8.9	8.8	8.7	8.7
18.5	9.8	9.7	9.7	9.6	9.5	9.5	9.4	9.3	9.3	9.2	9.2	9.1	9.0	9.0	8.9	8.8	8.8	8.7	8.6	8.6
19.0	9.7	9.6	9.6	9.5	9.4	9.4	9.3	9.2	9.2	9.1	9.1	9.0	8.9	8.9	8.8	8.7	8.7	8.6	8.5	8.5
19.5	9.6	9.5	9.5	9.4	9.3	9.3	9.2	9.1	9.1	9.0	9.0	8.9	8.8	8.8	8.7	8.6	8.6	8.5	8.4	8.4
20.0	9.5	9.4	9.4	9.3	9.2	9.2	9.1	9.1	9.0	8.9	8.9	8.8	8.7	8.7	8.6	8.5	8.5	8.4	8.3	8.3
20.5	9.4	9.3	9.3	9.2	9.2	9.1	9.0	9.0	8.9	8.8	8.8	8.7	8.6	8.6	8.5	8.4	8.4	8.3	8.2	8.2
21.0	9.3	9.2	9.2	9.1	9.1	9.0	8.9	8.8	8.8	8.7	8.6	8.6	8.5	8.5	8.4	8.4	8.3	8.2	8.1	8.1
21.5	9.2	9.2	9.1	9.0	9.0	8.9	8.8	8.7	8.7	8.6	8.5	8.4	8.4	8.3	8.3	8.2	8.1	8.1	8.0	8.0
22.0	9.1	9.1	9.0	9.0	8.9	8.8	8.7	8.7	8.6	8.5	8.5	8.4	8.4	8.3	8.2	8.2	8.1	8.1	8.0	8.0
22.5	9.0	9.0	8.9	8.8	8.8	8.7	8.6	8.6	8.5	8.5	8.4	8.3	8.3	8.2	8.2	8.1	8.1	8.0	8.0	7.9
23.0	9.0	8.9	8.8	8.7	8.7	8.6	8.5	8.5	8.4	8.4	8.3	8.2	8.2	8.1	8.1	8.0	8.0	7.9	7.9	7.8
23.5	8.9	8.8	8.8	8.7	8.6	8.6	8.5	8.5	8.4	8.3	8.3	8.2	8.2	8.1	8.0	8.0	7.9	7.8	7.8	7.7
24.0	8.8	8.7	8.7	8.6	8.5	8.5	8.4	8.3	8.3	8.2	8.2	8.1	8.1	8.0	8.0	7.9	7.9	7.8	7.8	7.7
24.5	8.7	8.7	8.6	8.5	8.5	8.4	8.4	8.3	8.2	8.2	8.1	8.1	8.0	8.0	7.9	7.9	7.8	7.7	7.7	7.6
25.0	8.6	8.5	8.5	8.4	8.3	8.3	8.2	8.2	8.1	8.1	8.0	8.0	7.9	7.8	7.8	7.7	7.7	7.6	7.6	7.5
25.5	8.5	8.4	8.4	8.3	8.3	8.2	8.2	8.1	8.1	8.0	8.0	7.9	7.8	7.8	7.7	7.7	7.6	7.5	7.5	7.4
26.0	8.5	8.4	8.4	8.3	8.3	8.2	8.1	8.1	8.0	8.0	7.9	7.8	7.8	7.7	7.7	7.6	7.5	7.5	7.4	7.4
26.5	8.4	8.3	8.3	8.2	8.2	8.1	8.1	8.0	8.0	7.9	7.8	7.8	7.7	7.7	7.6	7.5	7.5	7.4	7.4	7.3
27.0	8.3	8.3	8.2	8.2	8.1	8.0	8.0	7.9	7.9	7.8	7.8	7.7	7.7	7.6	7.5	7.5	7.4	7.3	7.3	7.3
27.5	8.2	8.2	8.1	8.1	8.0	8.0	7.9	7.8	7.8	7.7	7.7	7.6	7.5	7.5	7.4	7.4	7.3	7.3	7.2	7.2
28.0	8.2	8.1	8.1	8.0	8.0	7.9	7.8	7.8	7.7	7.7	7.6	7.5	7.5	7.4	7.4	7.3	7.3	7.2	7.2	7.1
28.5	8.1	8.0	8.0	7.9	7.8	7.8	7.7	7.7	7.6	7.6	7.5	7.4	7.4	7.3	7.3	7.2	7.2	7.1	7.1	7.0
29.0	8.0	8.0	7.9	7.9	7.8	7.8	7.7	7.7	7.6	7.5	7.5	7.4	7.3	7.3	7.2	7.2	7.1	7.1	7.0	7.0
29.5	8.0	7.9	7.9	7.8	7.8	7.7	7.6	7.6	7.5	7.4	7.4	7.3	7.3	7.2	7.2	7.1	7.1	7.0	7.0	7.0

**Table 6.2-6. Solubility of oxygen in water at various temperatures and pressures—Continued**

Temp °C	Atmospheric pressure, in millimeters of mercury																			
	795	790	785	780	775	770	765	760	755	750	745	740	735	730	725	720	715	710	705	700
30.0	7.9	7.8	7.8	7.7	7.7	7.6	7.6	7.5	7.5	7.4	7.4	7.3	7.3	7.2	7.2	7.1	7.1	7.0	7.0	6.9
30.5	7.8	7.8	7.7	7.7	7.6	7.6	7.5	7.5	7.4	7.4	7.3	7.3	7.2	7.2	7.1	7.1	7.0	7.0	6.9	6.9
31.0	7.8	7.7	7.7	7.6	7.6	7.5	7.5	7.4	7.4	7.3	7.3	7.2	7.1	7.1	7.0	7.0	6.9	6.9	6.8	6.8
31.5	7.7	7.6	7.6	7.5	7.5	7.4	7.4	7.3	7.3	7.2	7.2	7.1	7.1	7.0	7.0	6.9	6.9	6.8	6.8	6.7
32.0	7.6	7.6	7.5	7.5	7.4	7.4	7.3	7.3	7.2	7.2	7.1	7.1	7.0	7.0	6.9	6.9	6.8	6.8	6.7	6.7
32.5	7.6	7.5	7.5	7.4	7.4	7.3	7.3	7.2	7.2	7.1	7.1	7.0	7.0	6.9	6.9	6.8	6.8	6.7	6.7	6.6
33.0	7.5	7.5	7.4	7.4	7.3	7.3	7.2	7.2	7.1	7.1	7.0	7.0	6.9	6.9	6.8	6.8	6.7	6.7	6.6	6.6
33.5	7.4	7.4	7.3	7.3	7.2	7.2	7.1	7.1	7.0	7.0	6.9	6.9	6.8	6.8	6.7	6.7	6.6	6.6	6.5	6.5
34.0	7.4	7.3	7.3	7.2	7.2	7.1	7.1	7.0	6.9	6.9	6.8	6.8	6.7	6.7	6.6	6.6	6.5	6.5	6.5	6.5
34.5	7.3	7.3	7.2	7.2	7.1	7.1	7.0	7.0	6.9	6.9	6.8	6.8	6.7	6.7	6.6	6.6	6.5	6.5	6.5	6.4
35.0	7.3	7.2	7.2	7.1	7.1	7.0	7.0	6.9	6.9	6.8	6.8	6.7	6.7	6.6	6.6	6.5	6.5	6.4	6.4	6.3
35.5	7.2	7.2	7.1	7.1	7.0	7.0	6.9	6.9	6.8	6.8	6.7	6.7	6.6	6.6	6.5	6.5	6.4	6.4	6.3	6.3
36.0	7.2	7.1	7.1	7.0	7.0	6.9	6.9	6.8	6.8	6.7	6.7	6.6	6.6	6.5	6.5	6.4	6.4	6.3	6.3	6.2
36.5	7.1	7.0	7.0	7.0	6.9	6.9	6.8	6.8	6.7	6.7	6.6	6.6	6.5	6.5	6.4	6.4	6.3	6.3	6.2	6.2
37.0	7.0	7.0	6.9	6.9	6.9	6.8	6.8	6.7	6.7	6.6	6.6	6.5	6.5	6.4	6.4	6.3	6.3	6.2	6.2	6.1
37.5	7.0	6.9	6.9	6.8	6.8	6.7	6.7	6.6	6.6	6.6	6.5	6.5	6.4	6.4	6.3	6.3	6.2	6.2	6.1	6.1
38.0	6.9	6.9	6.8	6.8	6.7	6.7	6.6	6.6	6.5	6.5	6.4	6.4	6.3	6.3	6.3	6.2	6.2	6.1	6.1	6.0
38.5	6.9	6.8	6.8	6.7	6.7	6.6	6.6	6.5	6.5	6.4	6.4	6.3	6.3	6.2	6.2	6.1	6.1	6.0	6.0	6.0
39.0	6.8	6.8	6.7	6.7	6.6	6.6	6.5	6.5	6.4	6.4	6.3	6.3	6.2	6.2	6.1	6.1	6.0	6.0	6.0	6.0
39.5	6.8	6.7	6.7	6.6	6.6	6.5	6.5	6.4	6.4	6.3	6.3	6.2	6.2	6.1	6.1	6.0	6.0	6.0	6.0	5.9
40.0	6.7	6.7	6.6	6.6	6.5	6.4	6.4	6.4	6.3	6.3	6.2	6.2	6.1	6.1	6.0	6.0	5.9	5.9	5.9	5.9

**Table 6.2-6. Solubility of oxygen in water at various temperatures and pressures—Continued**

Temp °C	Atmospheric pressure, in millimeters of mercury																			
	695	690	685	680	675	670	665	660	655	650	645	640	635	630	625	620	615	610	605	600
0.0	13.3	13.2	13.1	13.0	12.9	12.8	12.6	12.5	12.4	12.3	12.2	12.1	12.0	11.9	11.8	11.7	11.6	11.5	11.4	11.3
0.5	13.1	13.1	13.0	12.9	12.8	12.7	12.5	12.4	12.3	12.2	12.1	12.0	11.9	11.8	11.7	11.6	11.5	11.4	11.3	11.2
1.0	13.0	12.9	12.8	12.7	12.6	12.5	12.4	12.3	12.2	12.1	12.0	11.9	11.8	11.7	11.6	11.5	11.4	11.3	11.2	11.1
1.5	12.8	12.7	12.6	12.5	12.4	12.3	12.2	12.1	12.0	11.9	11.8	11.7	11.6	11.5	11.4	11.3	11.2	11.1	11.0	10.9
2.0	12.6	12.5	12.4	12.3	12.2	12.1	12.0	11.9	11.8	11.7	11.6	11.5	11.4	11.3	11.2	11.1	11.0	10.9	10.8	10.7
2.5	12.4	12.3	12.2	12.1	12.0	11.9	11.8	11.7	11.6	11.5	11.4	11.3	11.2	11.1	11.0	10.9	10.8	10.7	10.6	10.5
3.0	12.3	12.2	12.1	12.0	11.9	11.8	11.7	11.6	11.5	11.4	11.3	11.2	11.1	11.0	10.9	10.8	10.7	10.6	10.5	10.4
3.5	12.1	12.0	11.9	11.8	11.7	11.6	11.5	11.4	11.3	11.2	11.1	11.0	10.9	10.8	10.7	10.6	10.5	10.4	10.3	10.2
4.0	12.0	11.9	11.8	11.7	11.6	11.5	11.4	11.3	11.2	11.1	11.0	10.9	10.8	10.7	10.6	10.5	10.4	10.3	10.2	10.1
4.5	11.8	11.7	11.6	11.5	11.4	11.3	11.2	11.1	11.0	10.9	10.8	10.7	10.6	10.5	10.4	10.3	10.2	10.1	10.0	9.9
5.0	11.6	11.5	11.4	11.3	11.2	11.1	11.0	10.9	10.8	10.7	10.6	10.5	10.4	10.3	10.2	10.1	10.0	9.9	9.8	9.7
5.5	11.5	11.4	11.3	11.2	11.1	11.0	10.9	10.8	10.7	10.6	10.5	10.4	10.3	10.2	10.1	10.0	9.9	9.8	9.7	9.6
6.0	11.4	11.3	11.2	11.1	11.0	10.9	10.8	10.7	10.6	10.5	10.4	10.3	10.2	10.1	10.0	9.9	9.8	9.7	9.6	9.5
6.5	11.2	11.1	11.0	10.9	10.8	10.7	10.6	10.5	10.4	10.3	10.2	10.1	10.0	9.9	9.8	9.7	9.6	9.5	9.4	9.3
7.0	11.1	11.0	10.9	10.8	10.7	10.6	10.5	10.4	10.3	10.2	10.1	10.0	9.9	9.8	9.7	9.6	9.5	9.4	9.3	9.2
7.5	10.9	10.8	10.7	10.6	10.5	10.4	10.3	10.2	10.1	10.0	9.9	9.8	9.7	9.6	9.5	9.4	9.3	9.2	9.1	9.0
8.0	10.8	10.7	10.6	10.5	10.4	10.3	10.2	10.1	10.0	9.9	9.8	9.7	9.6	9.5	9.4	9.3	9.2	9.1	9.0	8.9
8.5	10.7	10.6	10.5	10.4	10.3	10.2	10.1	10.0	9.9	9.8	9.7	9.6	9.5	9.4	9.3	9.2	9.1	9.0	8.9	8.8
9.0	10.5	10.5	10.4	10.3	10.2	10.1	10.0	9.9	9.8	9.7	9.6	9.5	9.4	9.3	9.2	9.1	9.0	8.9	8.8	8.7
9.5	10.4	10.3	10.3	10.2	10.1	10.0	9.9	9.8	9.7	9.6	9.5	9.4	9.3	9.2	9.1	9.0	8.9	8.8	8.7	8.6
10.0	10.3	10.2	10.1	10.1	10.0	9.9	9.8	9.7	9.6	9.5	9.4	9.3	9.2	9.1	9.0	8.9	8.8	8.7	8.6	8.5
10.5	10.2	10.1	10.0	9.9	9.8	9.7	9.6	9.5	9.4	9.3	9.2	9.1	9.0	8.9	8.8	8.7	8.6	8.5	8.4	8.3
11.0	10.1	10.0	9.9	9.8	9.7	9.6	9.5	9.4	9.3	9.2	9.1	9.0	8.9	8.8	8.7	8.6	8.5	8.4	8.3	8.2
11.5	9.9	9.8	9.8	9.7	9.6	9.5	9.4	9.3	9.2	9.1	9.0	8.9	8.8	8.7	8.6	8.5	8.4	8.3	8.2	8.1
12.0	9.8	9.8	9.7	9.6	9.5	9.4	9.3	9.2	9.1	9.0	8.9	8.8	8.7	8.6	8.5	8.4	8.3	8.2	8.1	8.0
12.5	9.7	9.6	9.5	9.4	9.4	9.3	9.2	9.1	9.1	9.0	8.9	8.8	8.7	8.6	8.5	8.4	8.3	8.2	8.1	8.0
13.0	9.6	9.5	9.4	9.3	9.3	9.2	9.1	9.0	8.9	8.8	8.7	8.6	8.5	8.4	8.3	8.2	8.1	8.0	7.9	7.8
13.5	9.5	9.4	9.4	9.3	9.2	9.1	9.1	9.0	8.9	8.8	8.7	8.6	8.5	8.4	8.3	8.2	8.1	8.0	7.9	7.8
14.0	9.4	9.3	9.3	9.2	9.1	9.0	9.0	8.9	8.8	8.7	8.6	8.5	8.4	8.3	8.2	8.1	8.0	7.9	7.8	7.7
14.5	9.3	9.2	9.2	9.1	9.0	8.9	8.8	8.7	8.6	8.5	8.4	8.3	8.2	8.1	8.0	7.9	7.8	7.7	7.6	7.5

**Table 6.2-6. Solubility of oxygen in water at various temperatures and pressures—Continued**

Temp °C	Atmospheric pressure, in millimeters of mercury																			
	695	690	685	680	675	670	665	660	655	650	645	640	635	630	625	620	615	610	605	600
15.0	9.2	9.1	9.1	9.0	8.9	8.8	8.8	8.7	8.6	8.6	8.5	8.4	8.4	8.3	8.2	8.2	8.1	8.0	8.0	7.9
15.5	9.1	9.0	9.0	8.9	8.8	8.8	8.7	8.6	8.5	8.5	8.4	8.3	8.3	8.2	8.2	8.1	8.0	8.0	7.9	7.8
16.0	9.0	8.9	8.9	8.8	8.7	8.7	8.6	8.5	8.5	8.4	8.3	8.3	8.2	8.1	8.1	8.0	7.9	7.9	7.8	7.7
16.5	8.9	8.8	8.8	8.7	8.6	8.6	8.5	8.4	8.4	8.3	8.2	8.2	8.1	8.0	8.0	7.9	7.8	7.8	7.7	7.6
17.0	8.8	8.7	8.7	8.6	8.5	8.5	8.4	8.3	8.3	8.2	8.2	8.1	8.0	8.0	7.9	7.8	7.7	7.7	7.6	7.5
17.5	8.7	8.6	8.6	8.5	8.5	8.4	8.3	8.3	8.2	8.1	8.1	8.0	7.9	7.9	7.8	7.7	7.7	7.6	7.5	7.5
18.0	8.6	8.6	8.5	8.4	8.4	8.3	8.2	8.2	8.1	8.0	8.0	7.9	7.8	7.7	7.7	7.6	7.5	7.5	7.4	7.4
18.5	8.5	8.5	8.4	8.3	8.3	8.2	8.1	8.0	8.0	7.9	7.8	7.7	7.6	7.6	7.5	7.4	7.4	7.3	7.3	7.3
19.0	8.4	8.4	8.3	8.3	8.2	8.1	8.1	8.0	7.9	7.8	7.7	7.6	7.5	7.4	7.4	7.3	7.2	7.1	7.1	7.0
19.5	8.4	8.3	8.2	8.2	8.1	8.0	8.0	7.9	7.8	7.7	7.7	7.6	7.5	7.4	7.4	7.3	7.2	7.1	7.0	6.9
20.0	8.3	8.2	8.2	8.1	8.0	8.0	7.9	7.8	7.8	7.7	7.7	7.6	7.5	7.4	7.4	7.3	7.2	7.1	7.0	6.9
20.5	8.2	8.1	8.1	8.0	7.9	7.9	7.8	7.7	7.6	7.6	7.5	7.4	7.3	7.3	7.2	7.1	7.1	7.0	6.9	6.8
21.0	8.1	8.1	8.0	7.9	7.9	7.8	7.8	7.7	7.6	7.5	7.5	7.4	7.3	7.3	7.2	7.1	7.1	7.0	6.9	6.8
21.5	8.0	8.0	7.9	7.9	7.8	7.7	7.7	7.6	7.5	7.4	7.4	7.3	7.2	7.1	7.1	7.0	6.9	6.8	6.7	6.6
22.0	8.0	7.9	7.8	7.8	7.7	7.7	7.6	7.5	7.4	7.4	7.3	7.2	7.2	7.1	7.1	7.0	6.9	6.8	6.7	6.6
22.5	7.9	7.8	7.8	7.7	7.6	7.6	7.5	7.4	7.3	7.3	7.2	7.2	7.1	7.1	7.0	6.9	6.8	6.7	6.6	6.5
23.0	7.8	7.7	7.7	7.6	7.5	7.5	7.4	7.3	7.2	7.2	7.1	7.1	7.0	7.0	6.9	6.8	6.7	6.6	6.5	6.4
23.5	7.7	7.7	7.6	7.5	7.4	7.4	7.3	7.3	7.2	7.1	7.1	7.0	7.0	6.9	6.8	6.7	6.6	6.5	6.4	6.3
24.0	7.7	7.6	7.5	7.4	7.4	7.3	7.3	7.2	7.1	7.1	7.0	7.0	6.9	6.8	6.7	6.6	6.5	6.4	6.3	6.2
24.5	7.6	7.5	7.5	7.4	7.4	7.3	7.2	7.2	7.1	7.1	7.0	7.0	6.9	6.8	6.7	6.6	6.5	6.4	6.3	6.2
25.0	7.5	7.5	7.4	7.3	7.3	7.2	7.2	7.1	7.1	7.0	6.9	6.8	6.7	6.6	6.5	6.4	6.3	6.2	6.1	6.0
25.5	7.4	7.4	7.3	7.3	7.2	7.2	7.1	7.1	7.0	6.9	6.8	6.7	6.6	6.5	6.4	6.3	6.2	6.1	6.0	5.9
26.0	7.4	7.3	7.3	7.2	7.2	7.1	7.1	7.0	6.9	6.8	6.7	6.6	6.5	6.4	6.3	6.2	6.1	6.0	5.9	5.8
26.5	7.3	7.2	7.2	7.1	7.1	7.0	6.9	6.8	6.7	6.6	6.5	6.4	6.3	6.2	6.1	6.0	5.9	5.8	5.7	5.6
27.0	7.2	7.2	7.1	7.1	7.0	6.9	6.8	6.7	6.6	6.5	6.4	6.3	6.2	6.1	6.0	5.9	5.8	5.7	5.6	5.5
27.5	7.2	7.1	7.1	7.0	6.9	6.8	6.7	6.6	6.5	6.4	6.3	6.2	6.1	6.0	5.9	5.8	5.7	5.6	5.5	5.4
28.0	7.1	7.1	7.0	6.9	6.8	6.7	6.6	6.5	6.4	6.3	6.2	6.1	6.0	5.9	5.8	5.7	5.6	5.5	5.4	5.3
28.5	7.0	7.0	6.9	6.8	6.7	6.6	6.5	6.4	6.3	6.2	6.1	6.0	5.9	5.8	5.7	5.6	5.5	5.4	5.3	5.2
29.0	7.0	6.9	6.8	6.7	6.6	6.5	6.4	6.3	6.2	6.1	6.0	5.9	5.8	5.7	5.6	5.5	5.4	5.3	5.2	5.1
29.5	6.9	6.9	6.8	6.7	6.6	6.5	6.4	6.3	6.2	6.1	6.0	5.9	5.8	5.7	5.6	5.5	5.4	5.3	5.2	5.1

Table 6.2-6. Solubility of oxygen in water at various temperatures and pressures—Continued

Temp °C	Atmospheric pressure, in millimeters of mercury																			
	695	690	685	680	675	670	665	660	655	650	645	640	635	630	625	620	615	610	605	600
30.0	6.9	6.8	6.8	6.7	6.7	6.6	6.5	6.5	6.4	6.4	6.3	6.3	6.2	6.2	6.1	6.1	6.0	6.0	5.9	5.9
30.5	6.8	6.7	6.7	6.6	6.6	6.5	6.5	6.4	6.4	6.3	6.3	6.2	6.2	6.1	6.1	6.0	6.0	5.9	5.9	5.8
31.0	6.7	6.7	6.6	6.6	6.5	6.5	6.4	6.4	6.3	6.3	6.2	6.2	6.1	6.1	6.0	6.0	5.9	5.9	5.8	5.8
31.5	6.7	6.6	6.6	6.5	6.5	6.4	6.4	6.3	6.3	6.2	6.2	6.1	6.1	6.0	6.0	5.9	5.9	5.8	5.8	5.7
32.0	6.6	6.6	6.5	6.5	6.4	6.4	6.3	6.3	6.2	6.2	6.1	6.1	6.0	6.0	5.9	5.9	5.8	5.8	5.7	5.7
32.5	6.6	6.5	6.5	6.4	6.4	6.3	6.3	6.2	6.2	6.1	6.1	6.0	6.0	5.9	5.9	5.8	5.8	5.7	5.7	5.6
33.0	6.5	6.5	6.4	6.4	6.3	6.3	6.2	6.2	6.1	6.1	6.0	6.0	5.9	5.9	5.8	5.8	5.7	5.7	5.6	5.6
33.5	6.5	6.4	6.4	6.3	6.3	6.2	6.2	6.1	6.1	6.0	6.0	5.9	5.9	5.8	5.8	5.7	5.7	5.6	5.6	5.5
34.0	6.4	6.4	6.3	6.3	6.2	6.2	6.1	6.1	6.0	6.0	5.9	5.9	5.8	5.8	5.7	5.7	5.6	5.6	5.5	5.5
34.5	6.4	6.3	6.3	6.2	6.2	6.1	6.1	6.0	6.0	5.9	5.9	5.8	5.8	5.7	5.7	5.6	5.6	5.5	5.5	5.4
35.0	6.3	6.3	6.2	6.2	6.1	6.1	6.0	6.0	5.9	5.9	5.8	5.8	5.7	5.7	5.6	5.6	5.5	5.5	5.4	5.4
35.5	6.2	6.2	6.2	6.1	6.1	6.0	6.0	5.9	5.9	5.8	5.8	5.7	5.7	5.6	5.6	5.5	5.5	5.4	5.4	5.3
36.0	6.2	6.1	6.1	6.1	6.0	6.0	5.9	5.9	5.8	5.8	5.7	5.7	5.6	5.6	5.5	5.5	5.4	5.4	5.3	5.3
36.5	6.1	6.1	6.1	6.0	6.0	5.9	5.9	5.8	5.8	5.7	5.7	5.6	5.6	5.5	5.5	5.4	5.4	5.3	5.3	5.2
37.0	6.1	6.1	6.0	6.0	5.9	5.9	5.8	5.8	5.7	5.7	5.6	5.6	5.5	5.5	5.4	5.4	5.3	5.3	5.3	5.2
37.5	6.0	6.0	6.0	5.9	5.9	5.8	5.8	5.7	5.7	5.6	5.6	5.5	5.5	5.4	5.4	5.3	5.3	5.3	5.2	5.2
38.0	6.0	6.0	5.9	5.9	5.8	5.8	5.7	5.7	5.6	5.6	5.5	5.5	5.4	5.4	5.3	5.3	5.3	5.2	5.2	5.1
38.5	6.0	5.9	5.9	5.8	5.8	5.7	5.7	5.6	5.6	5.5	5.5	5.4	5.4	5.3	5.3	5.2	5.2	5.1	5.1	5.1
39.0	5.9	5.9	5.8	5.8	5.7	5.7	5.6	5.6	5.5	5.5	5.4	5.4	5.3	5.3	5.2	5.2	5.1	5.1	5.1	5.0
39.5	5.9	5.8	5.8	5.7	5.7	5.6	5.6	5.5	5.5	5.4	5.4	5.3	5.3	5.2	5.2	5.1	5.1	5.1	5.0	5.0
40.0	5.8	5.8	5.7	5.7	5.6	5.6	5.5	5.5	5.4	5.4	5.3	5.3	5.2	5.2	5.1	5.1	5.1	5.0	5.0	5.0

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Date	Day	High Tide	High Tide	High Tide	Low Tide	Low Tide	Low Tide	Sunrise	Sunset	Moonrise	Moonset	Phase
1	Su	941am	7.3	1008pm	8.7	420am	0.1	622am	835pm	954pm	706am	
2	Mo	1021am	7.4	1047pm	8.7	502am	-0.1	622am	835pm	1033pm	811am	
3	Tu	1004am	7.6	1129pm	8.6	544am	-0.2	622am	834pm	1107pm	917am	
4	We	1153am	7.7			625am	-0.3	623am	834pm	1138pm	1023am	
5	Th	1218am	8.4	1248pm	7.9	709am	-0.3	623am	834pm		1128am	
6	Fr	113am	8.2	147pm	8.1	755am	-0.3	624am	834pm	1208am	1232pm	
7	Sa	211am	7.9	246pm	8.3	847am	-0.2	624am	834pm	1237am		3rd
8	Su	308am	7.7	344pm	8.6	945am	-0.2	625am	834pm	109am	246pm	
9	Mo	406am	7.5	443pm	8.7	1045am	-0.2	625am	834pm	144am	356pm	
10	Tu	506am	7.3	545pm	8.8	1146am	-0.2	626am	833pm	224am	508pm	
11	We	610am	7.2	649pm	8.9	1241am	0.7	626am	833pm	312am	617pm	
12	Th	715am	7.2	751pm	9.0	141am	0.5	627am	833pm	409am	722pm	
13	Fr	816am	7.3	847pm	9.0	238am	0.3	627am	832pm	512am	818pm	
14	Sa	912am	7.4	936pm	9.0	331am	0.1	628am	832pm	620am	905pm	New
15	Su	1003am	7.5	1022pm	8.8	420am	-0.1	629am	832pm	727am	943pm	
16	Mo	1051am	7.5	1104pm	8.6	505am	-0.1	629am	831pm	832am	1016pm	
17	Tu	1139am	7.5	1147pm	8.3	546am	0.0	630am	831pm	933am	1044pm	
18	We	1228pm	7.4			624am	0.2	630am	830pm	1031am	1110pm	
19	Th	1230am	7.9	116pm	7.4	700am	0.4	631am	830pm	1127am	1135pm	
20	Fr	114am	7.6	203pm	7.4	737am	0.7	632am	829pm	1222pm		
21	Sa	200am	7.4	249pm	7.4	815am	0.9	632am	829pm	118pm	1200am	
22	Su	246am	7.2	334pm	7.5	857am	1.0	633am	828pm	214pm	1227am	1st
23	Mo	333am	7.1	420pm	7.6	945am	1.1	633am	828pm	311pm	1256am	
24	Tu	421am	7.0	508pm	7.7	1039am	1.1	634am	827pm	410pm	130am	
25	We	511am	6.9	601pm	7.9	1134am	1.0	635am	827pm	510pm	209am	
26	Th	605am	6.9	655pm	8.1	1237am	1.3	635am	826pm	607pm	256am	
27	Fr	659am	7.1	746pm	8.4	129am	1.0	636am	825pm	701pm	350am	
28	Sa	750am	7.3	832pm	8.6	220am	0.7	637am	825pm	748pm	451am	
29	Su	838am	7.5	913pm	8.9	309am	0.3	637am	824pm	830pm	557am	
30	Mo	922am	7.8	952pm	9.0	355am	0.0	638am	823pm	907pm	704am	Full
31	Tu	1004am	8.0	1032pm	8.9	439am	-0.3	639am	822pm	940pm	812am	

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Date	Day	High Tide	High Tide	Low Tide	Low Tide	Sunrise	Sunset	Moonrise	Moonset	Phase	
1	We	1044am	7.8	1110pm	8.3	520am	-0.5	530pm	-0.2	822pm	918am
2	Th	1133am	8.0	1158pm	8.0	602am	-0.6	618pm	0.0	821pm	1024am
3	Fr	1226pm	8.1			646am	-0.5	708pm	0.3	820pm	1131am
4	Sa	1252am	7.7	125pm	8.1	732am	-0.4	804pm	0.7	819pm	1238pm
5	Su	150am	7.4	226pm	8.2	824am	-0.2	907pm	0.9	818pm	148pm
6	Mo	250am	7.1	327pm	8.2	922am	0.0	1015pm	1.0	817pm	
7	Tu	350am	6.9	428pm	8.2	1036am	0.1	1122pm	1.0	816pm	407pm
8	We	452am	6.8	531pm	8.3	1129am	0.1			816pm	513pm
9	Th	556am	6.9	635pm	8.3	1225am	0.9	1230pm	0.1	815pm	610pm
10	Fr	701am	7.0	734pm	8.4	123am	0.7	128pm	0.0	814pm	659pm
11	Sa	800am	7.2	827pm	8.4	217am	0.5	223pm	-0.1	813pm	740pm
12	Su	852am	7.4	912pm	8.4	307am	0.3	315pm	-0.1	812pm	815pm
13	Mo	938am	7.6	952pm	8.4	353am	0.1	403pm	-0.1	811pm	845pm
14	Tu	1020am	7.6	1029pm	8.2	434am	0.1	447pm	0.1	810pm	911pm
15	We	1100am	7.5	1104pm	7.9	512am	0.2	527pm	0.4	809pm	937pm
16	Th	1138am	7.4	1141pm	7.6	546am	0.4	606pm	0.7	808pm	1002pm
17	Fr	1218pm	7.3			618am	0.6	643pm	1.0	806pm	1028pm
18	Sa	1220am	7.3	100pm	7.2	649am	0.9	722pm	1.4	805pm	1056pm
19	Su	103am	7.0	145pm	7.1	721am	1.0	806pm	1.7	804pm	1127pm
20	Mo	151am	6.8	234pm	7.1	759am	1.1	858pm	1.9	803pm	
21	Tu	241am	6.7	325pm	7.2	846am	1.3	958pm	1.9	802pm	1204am
22	We	333am	6.7	418pm	7.4	945am	1.3	1101pm	1.8	801pm	1247am
23	Th	427am	6.7	514pm	7.6	1050am	1.2			800pm	137am
24	Fr	524am	6.8	613pm	7.8	1200am	1.5	1154am	1.0	759pm	235am
25	Sa	622am	7.0	709pm	8.2	1255am	1.1	1254pm	0.8	757pm	338am
26	Su	718am	7.3	800pm	8.4	147am	0.7	150pm	0.4	756pm	445am
27	Mo	809am	7.8	845pm	8.7	237am	0.3	245pm	0.1	755pm	553am
28	Tu	856am	8.2	927pm	8.7	325am	-0.2	337pm	-0.2	754pm	701am
29	We	941am	8.4	1009pm	8.7	411am	-0.5	428pm	-0.3	753pm	809am
30	Th	1026am	8.7	1052pm	8.4	455am	-0.7	516pm	-0.3	751pm	917am
31	Fr	1114am	8.7	1139pm	8.1	539am	-0.7	605pm	0.0	750pm	1026am

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Tide Tables and Charts available at [FreeTideTables.com](http://FreeTideTables.com)

Date	Day	High Tide	High Tide	Low Tide	Low Tide	Sunrise	Sunset	Moonrise	Moonset	Phase
1	Sa	1207pm	8.7	624am	-0.5	659am	749pm	1023pm	1137am	
2	Su	1234am	7.6	711am	-0.2	700am	748pm	1106pm	1249pm	
3	Mo	136am	7.3	804am	0.2	701am	746pm	1156pm	200pm	
4	Tu	241am	7.0	904am	0.5	701am	745pm		307pm	3rd
5	We	344am	7.0	1010am	0.6	702am	744pm	1254am		
6	Th	447am	7.0	1115am	0.6	702am	742pm	157am	457pm	
7	Fr	550am	7.2	1208am	1.1	703am	741pm	303am	540pm	
8	Sa	650am	7.4	102am	0.9	704am	740pm	407am	616pm	
9	Su	744am	7.7	153am	0.6	704am	739pm	510am	646pm	
10	Mo	832am	8.0	239am	0.4	705am	737pm	610am	714pm	
11	Tu	914am	8.1	322am	0.3	706am	736pm	707am	739pm	New
12	We	952am	8.2	401am	0.3	706am	735pm	803am	804pm	
13	Th	1025am	8.1	437am	0.5	707am	733pm	858am	830pm	
14	Fr	1056am	7.9	509am	0.6	707am	732pm	954am	857pm	
15	Sa	1127am	7.8	538am	0.9	708am	731pm	1050am	927pm	
16	Su	1201pm	7.6	606am	1.0	709am	729pm	1148am	1001pm	
17	Mo	1214am	7.1	637am	1.1	709am	728pm	1246pm	1041pm	
18	Tu	101am	6.9	713am	1.3	710am	727pm	144pm	1128pm	
19	We	154am	6.8	800am	1.4	710am	725pm	239pm		1st
20	Th	252am	6.8	900am	1.5	711am	724pm	330pm	1221am	
21	Fr	350am	6.9	1012am	1.4	712am	723pm	415pm	121am	
22	Sa	450am	7.1	1123am	1.2	712am	721pm	456pm	225am	
23	Su	550am	7.5	1220am	1.1	713am	720pm	532pm	331am	
24	Mo	649am	8.0	114am	0.7	714am	719pm	605pm	439am	
25	Tu	743am	8.4	205am	0.2	714am	717pm	637pm	547am	
26	We	833am	8.9	254am	-0.2	715am	716pm	708pm	655am	Full
27	Th	920am	9.2	342am	-0.5	715am	715pm	742pm	806am	
28	Fr	1006am	9.3	429am	-0.7	716am	713pm	819pm	918am	
29	Sa	1055am	9.2	516am	-0.6	717am	712pm	901pm	1032am	
30	Su	1148am	9.0	602am	-0.4	717am	711pm	951pm	1146am	

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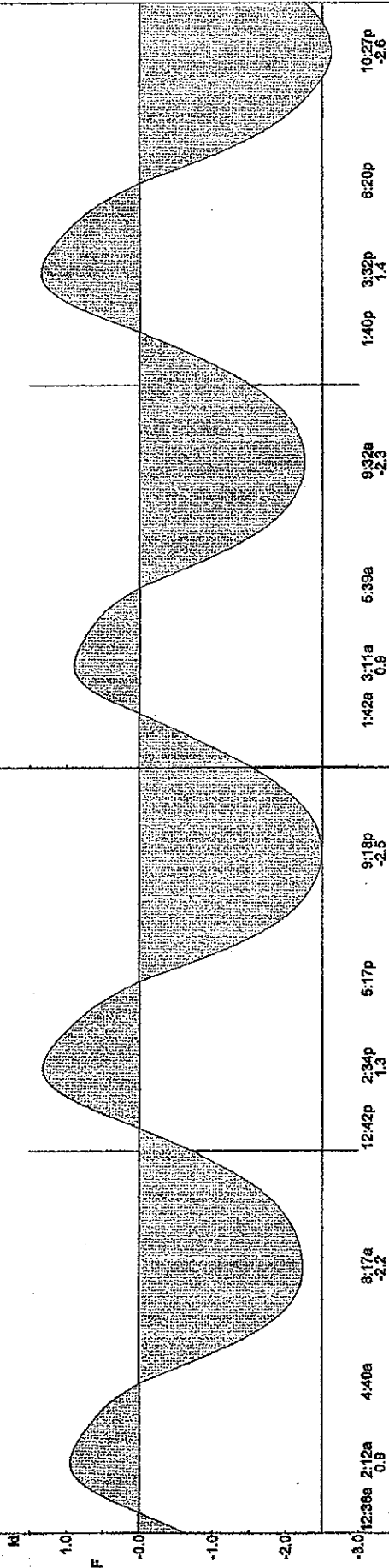
# Currents: Savannah, southeast of highway bridge (10)

Avg Max Flood: 1.1 kt 319°  
Avg Max Ebb: 2.6 kt 148°

based on Savannah River Entrance (between jetties), Georgia (NOAA)  
32° 5.20 N 81° 5.80 W

Monday, July 9, 2007  
(EDT)

Tuesday, July 10, 2007  
(EDT)



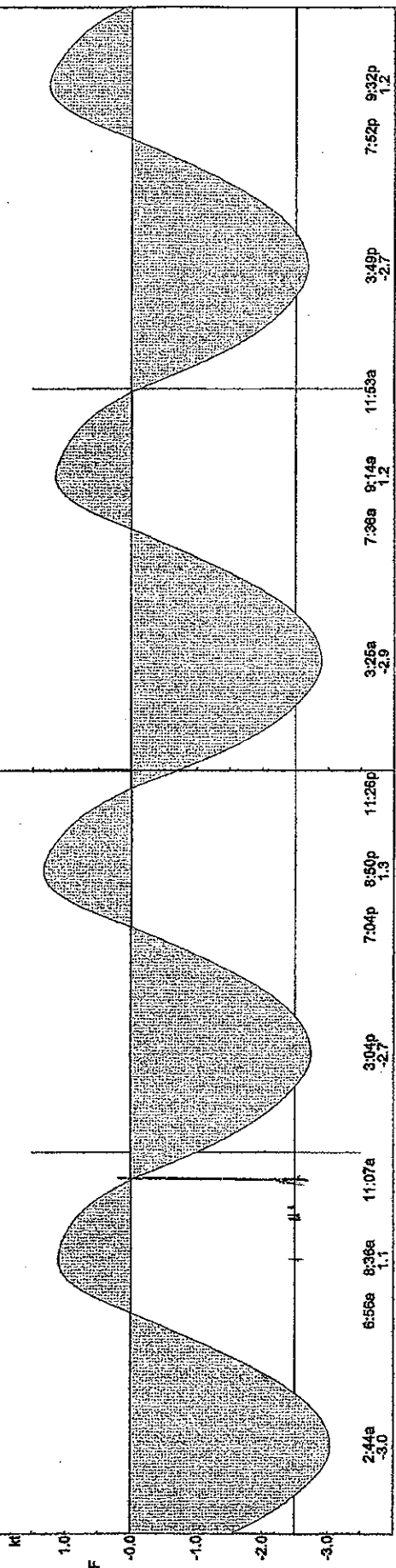
# Currents: Savannah, southeast of highway bridge (10)

based on Savannah River Entrance (between jetties), Georgia (NOAA)  
 32° 5.20 N 81° 5.80 W

Avg Max Flood: 1.4 kt 319°  
 Avg Max Ebb: 2.6 kt 148°

Monday, July 16, 2007  
 (EDT)

Tuesday, July 17, 2007  
 (EDT)



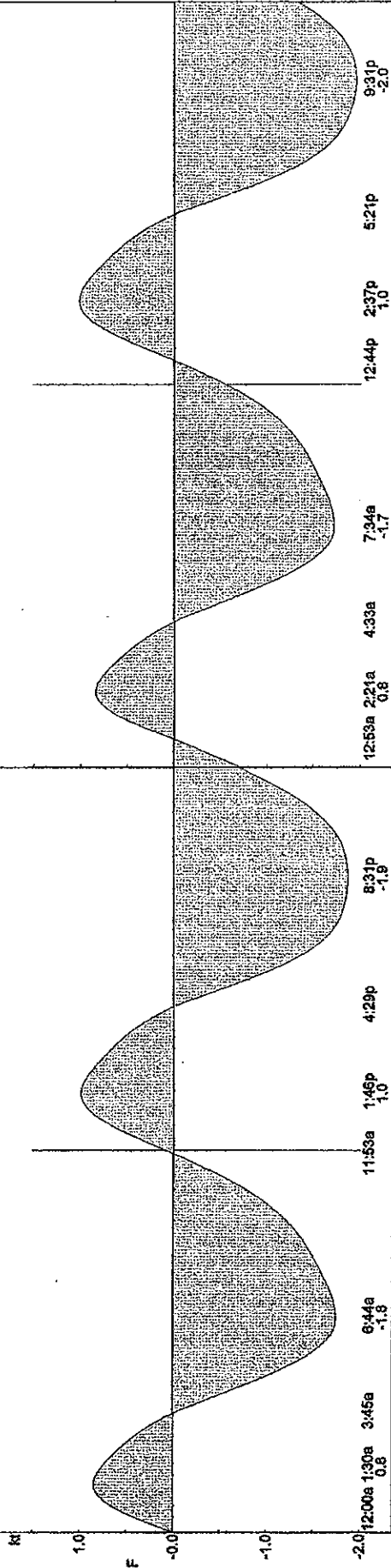
# Currents: Savannah, southeast of highway bridge (10)

based on Savannah River Entrance (between jetties), Georgia (NOAA)  
 32° 5.20 N 81° 5.80 W

Avg Max Flood: 1.1 kt 318°  
 Avg Max Ebb: 2.6 kt 149°

Monday, July 23, 2007  
 (EDT)

Tuesday, July 24, 2007  
 (EDT)



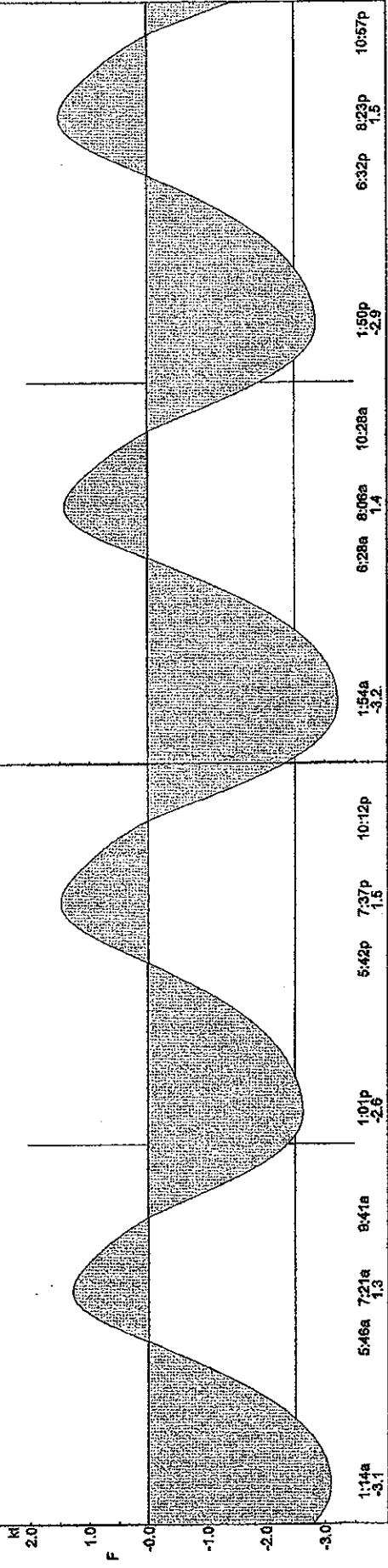
# Currents: Savannah, southeast of highway bridge (10)

based on Savannah River Entrance (between Jetties), Georgia (NOAA)  
 32° 5.20 N 81° 5.80 W

Avg Max Flood: 1.1 kt 319°  
 Avg Max Ebb: 2.6 kt 146°

Monday, July 30, 2007  
 (EDT)

Tuesday, July 31, 2007  
 (EDT)



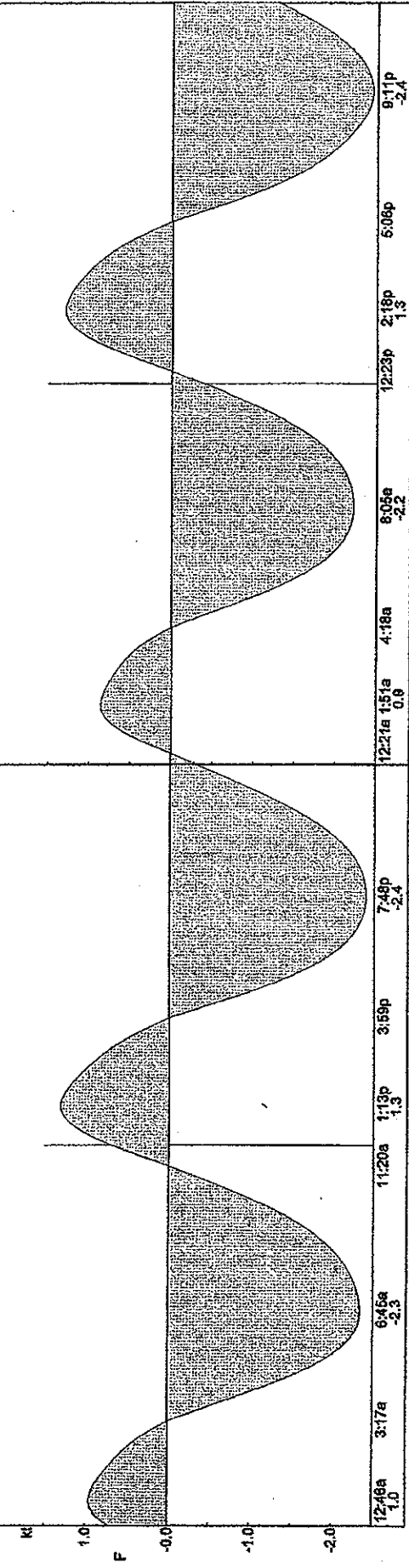
# Currents: Savannah, southeast of highway bridge (10)

based on Savannah River Entrance (between jetties), Georgia (NOAA)  
 32° 5.20 N 81° 5.80 W

Avg Max Flood: 1.1 kt 319°  
 Avg Max Ebb: 2.6 kt 146°

Monday, August 6, 2007  
 (EDT)

Tuesday, August 7, 2007  
 (EDT)



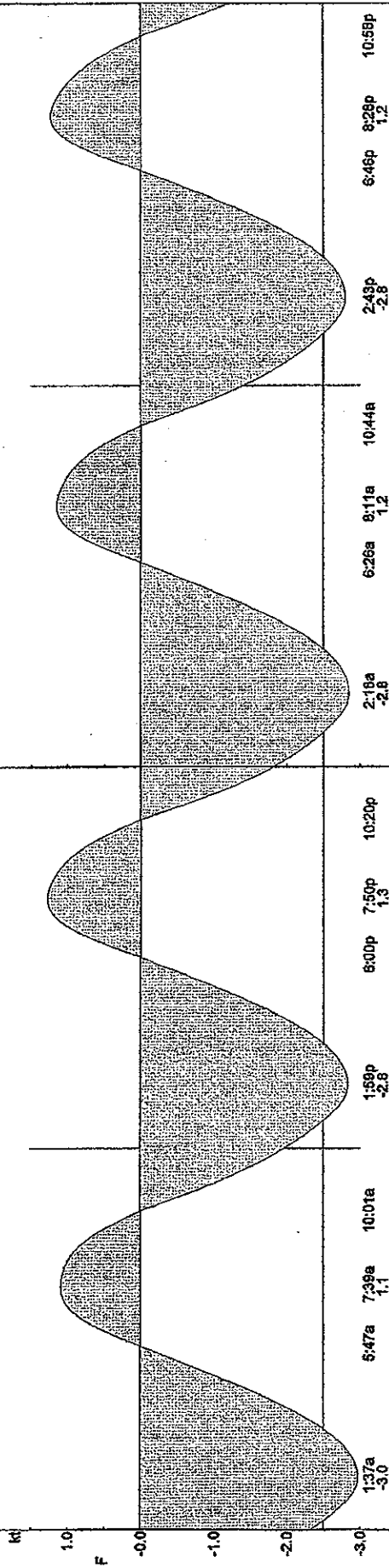
# Currents: Savannah, southeast of highway bridge (10)

Avg Max Flood: 1.1 kt 318°  
Avg Max Ebb: 2.6 kt 146°

based on Savannah River Entrance (between jetties), Georgia (NOAA)  
32° 5.20 N 81° 5.80 W

Monday, August 13, 2007  
(EDT)

Tuesday, August 14, 2007  
(EDT)



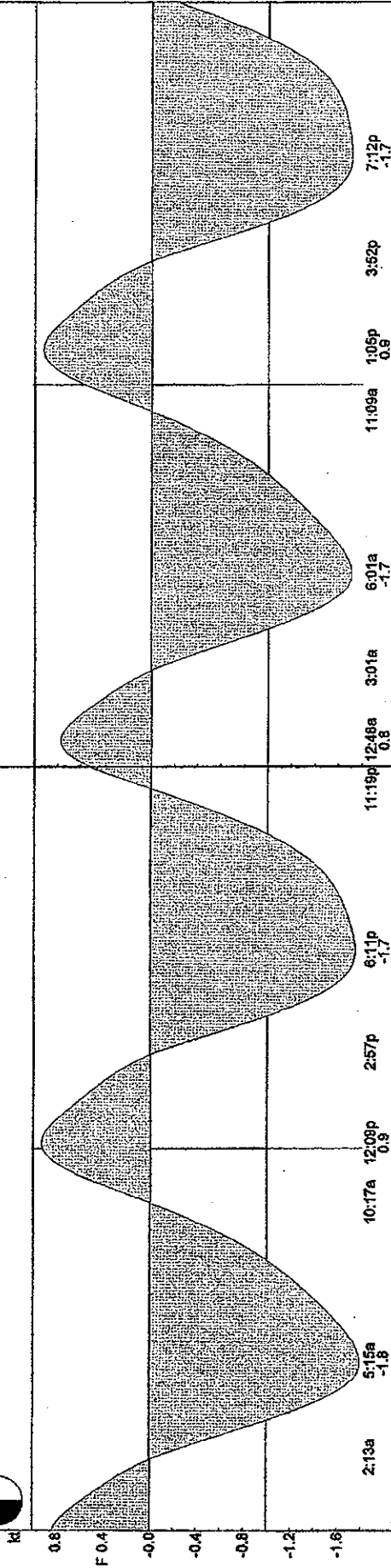
# Currents: Savannah, southeast of highway bridge (10)

based on Savannah River Entrance (between jetties), Georgia (NOAA)  
 32° 5.20 N 81° 5.80 W

Avg Max Flood: 1.1 kt 319°  
 Avg Max Ebb: 2.6 kt 146°

Monday, August 20, 2007  
 (EDT)

Tuesday, August 21, 2007  
 (EDT)



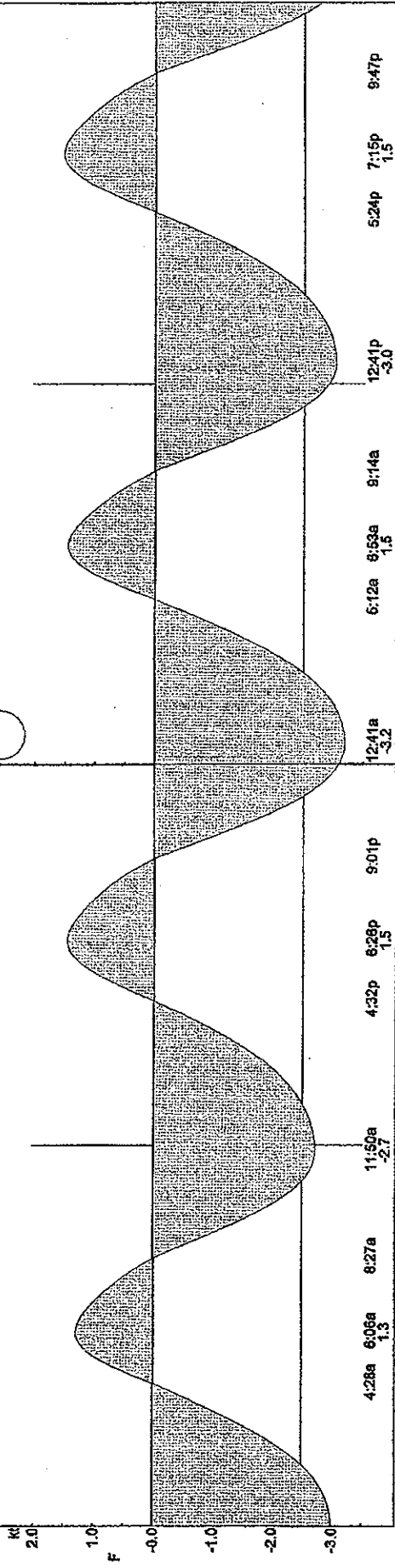
# Currents: Savannah, southeast of highway bridge (10)

based on Savannah River Entrance (between jetties), Georgia (NOAA)  
 32° 5.20 N 81° 5.80 W

Avg Max Flood: 1.1 kt 319°  
 Avg Max Ebb: 2.0 kt 146°

Monday, August 27, 2007  
 (EDT)

Tuesday, August 28, 2007  
 (EDT)



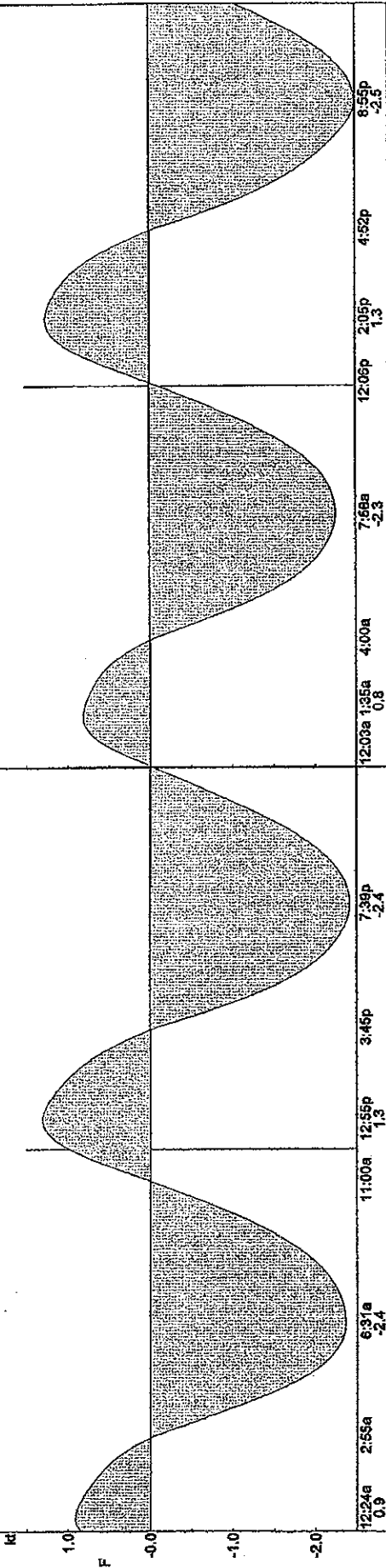
# Currents: Savannah, southeast of highway bridge (10)

based on Savannah River Entrance (between jetties), Georgia (NOAA)  
 32° 5.20 N 81° 5.80 W

Avg Max Flood: 1.1 ft 318°  
 Avg Max Ebb: 2.6 ft 148°

Tuesday, September 4, 2007  
 (EDT)

Wednesday, September 5, 2007  
 (EDT)



# Currents: Savannah, southeast of highway bridge (10)

based on Savannah River Entrance (between jetties), Georgia (NOAA)  
 32° 5.20 N 81° 5.80 W

Avg Max Flood: 1.1 kt 319°  
 Avg Max Ebb: 2.6 kt 148°

Monday, September 10, 2007  
 (EDT)

Tuesday, September 11, 2007  
 (EDT)

