

WACCAMAW RIVER BASIN

02110777 AIW AT HIGHWAY 9 AT NIXONS CROSSROADS, SC

LOCATION.--Lat 33°51'05'', long 78°39'22'', Horry County, Hydrologic Unit 03040207, on bridge fender near center of channel under Hwy. 9 bridge of the Atlantic Intracoastal Waterway, 0.5 mi southeast of Nixons Crossroads, 5.2 mi south of junction of Little River Inlet and at AIW mile 347.3.

DRAINAGE AREA.--Indeterminate.

GAGE-HEIGHT RECORDS

PERIOD OF RECORD.--October 1989 to current year.

GAGE.--Data collection platform. Datum of gage is 11.72 ft below NGVD of 1929. Prior to August 26, 2003 at site 250 ft upstream at same datum.

REMARKS.--Gage height tidally affected. Discharge records for the 1990-2000 water years were computed by utilization of the One-Dimensional unsteady flow simulation model (BRANCH) and are rated poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 18.37 ft, Oct. 8, 1996; minimum gage height, 8.42 ft, Jan. 1, 1990.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 17.08 ft, Apr. 18; minimum gage height, 9.15 ft, Jan. 21.

DAY	Gage height, feet											
	WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003											
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	15.49	11.29	13.23	15.63	10.54	13.16	14.77	9.41	12.18	15.97	10.16	12.83
2	15.23	10.62	13.01	15.61	10.42	13.10	15.33	9.66	12.59	15.47	9.83	12.52
3	15.38	10.34	12.80	15.64	10.12	12.96	15.24	9.61	12.48	16.22	10.16	12.80
4	15.77	10.00	12.94	15.93	10.07	12.93	16.01	9.85	12.76	15.68	10.11	12.74
5	15.80	10.11	13.01	16.41	10.04	13.20	16.17	10.07	12.72	15.95	10.59	12.89
6	15.96	10.04	13.05	16.30	9.61	12.71	15.43	9.90	12.48	15.13	10.44	12.35
7	16.36	10.29	13.25	15.86	9.73	12.68	15.32	10.21	12.42	14.45	9.70	11.90
8	16.60	10.34	13.38	15.69	10.59	12.90	14.95	10.24	12.22	13.88	10.19	12.04
9	16.70	10.80	13.51	15.42	10.61	12.64	14.82	10.20	12.41	13.83	10.37	12.11
10	16.44	10.91	13.55	14.84	10.57	12.57	15.22	11.09	13.11	13.81	10.21	12.03
11	16.58	11.48	13.69	14.19	10.53	12.35	15.01	10.58	12.81	13.96	10.59	12.24
12	15.60	10.94	13.09	14.23	10.69	12.41	13.80	10.48	12.10	13.82	10.43	12.18
13	15.87	11.37	13.44	14.42	10.54	12.41	14.90	10.87	12.91	14.15	10.12	12.17
14	16.02	11.56	13.80	15.10	11.13	13.09	13.93	9.99	12.01	13.88	10.30	12.17
15	16.99	12.31	14.53	15.12	10.97	13.30	14.10	10.11	12.25	13.73	10.10	12.06
16	16.19	11.40	13.98	15.25	11.08	13.31	14.17	9.97	12.16	14.36	10.10	12.44
17	15.94	11.18	13.67	15.20	10.47	12.99	14.39	9.97	12.53	14.55	10.11	12.09
18	15.52	11.14	13.39	---	---	---	15.25	10.60	12.82	15.02	9.83	12.41
19	15.41	11.07	13.31	15.21	10.62	12.82	15.63	10.78	12.96	14.25	9.67	11.78
20	15.37	10.90	13.15	15.02	10.48	12.75	15.44	10.07	12.44	14.06	9.22	11.38
21	15.02	10.81	12.95	15.33	10.70	12.82	14.57	9.59	11.80	14.39	9.15	11.62
22	15.25	10.96	13.04	14.95	10.29	12.38	14.41	9.67	11.79	14.82	9.72	12.23
23	15.41	10.88	12.99	14.50	10.02	12.05	14.54	9.51	11.88	14.50	10.09	12.04
24	15.39	10.89	13.05	14.60	10.31	12.22	15.02	10.10	12.61	13.82	9.19	11.49
25	15.36	10.89	13.01	14.46	10.21	12.14	14.72	9.91	12.15	14.47	10.07	11.92
26	14.99	11.06	12.86	14.45	10.33	12.21	14.24	9.68	11.93	14.79	9.56	11.96
27	14.96	10.83	12.80	14.35	10.45	12.18	14.71	10.54	12.48	14.18	9.67	11.69
28	15.03	11.17	12.88	14.79	10.62	12.51	14.79	10.16	12.35	14.74	9.88	12.23
29	15.06	10.97	12.92	14.87	10.16	12.69	14.63	9.89	12.22	14.77	9.60	12.12
30	15.06	10.90	12.96	14.63	9.42	12.16	15.21	10.03	12.53	14.79	9.55	12.30
31	15.40	10.79	13.02	---	---	---	15.31	10.03	12.61	14.93	9.82	12.30
MONTH	16.99	10.00	13.23	---	---	---	16.17	9.41	12.41	16.22	9.15	12.16

WACCAMAW RIVER BASIN

02110777 AIW AT HIGHWAY 9 AT NIXONS CROSSROADS, SC--Continued

Gage height, feet
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	15.30	9.96	12.36	15.57	10.43	13.06	14.97	10.91	12.94	15.43	10.90	13.08
2	15.05	9.80	12.34	15.61	10.39	12.96	14.51	10.55	12.44	15.44	11.19	13.16
3	14.72	9.93	12.16	15.24	10.48	12.80	14.48	10.63	12.43	15.53	10.95	13.07
4	14.57	9.55	11.82	15.24	10.58	12.81	14.86	10.69	12.58	15.75	11.38	13.33
5	13.73	9.55	11.53	14.57	10.14	12.48	14.73	10.92	12.73	15.43	11.27	13.26
6	13.82	9.75	11.79	14.21	10.18	12.27	15.63	11.11	13.02	15.11	10.71	12.64
7	13.73	9.78	11.72	14.87	10.60	12.50	15.49	11.38	13.14	14.73	10.48	12.42
8	13.30	10.07	11.76	14.74	10.99	12.68	15.01	11.57	13.00	14.49	10.56	12.27
9	13.66	10.29	11.91	14.75	11.35	12.94	15.59	12.14	13.57	14.30	10.73	12.31
10	13.70	10.26	11.91	14.82	11.43	12.91	---	---	---	14.29	10.39	12.39
11	13.62	10.12	11.85	14.99	11.02	12.90	---	---	---	14.58	10.39	12.49
12	13.48	9.65	11.49	14.33	11.15	12.56	---	---	---	14.46	9.88	12.29
13	14.09	9.61	11.74	14.61	11.01	12.65	15.45	10.91	13.32	15.36	9.90	12.55
14	13.64	9.61	11.73	14.57	10.94	12.86	15.60	10.65	13.19	15.91	9.98	12.76
15	14.27	9.68	11.96	15.61	11.28	13.50	15.92	10.23	13.07	16.07	9.95	12.81
16	14.93	9.53	12.54	16.10	10.95	13.41	16.59	10.29	13.25	16.27	9.91	12.80
17	15.50	10.10	12.65	16.02	10.58	13.30	16.95	10.52	13.47	16.78	10.24	13.10
18	15.18	9.79	12.44	16.63	10.54	13.59	17.08	10.88	13.71	16.83	10.83	13.41
19	15.39	9.87	12.53	16.79	10.69	13.65	16.98	11.10	13.70	16.33	10.89	13.33
20	15.22	9.99	12.50	16.99	11.06	14.00	16.97	11.57	13.86	16.33	10.97	13.21
21	15.35	10.35	12.73	16.40	11.00	13.50	16.96	11.96	13.98	15.49	10.81	12.73
22	15.54	10.67	12.87	15.97	10.85	13.12	16.77	11.91	13.74	15.06	10.82	12.68
23	15.46	9.72	11.91	15.74	10.99	13.04	15.56	11.97	13.63	14.97	10.96	12.77
24	14.43	10.16	12.07	15.82	11.23	13.10	15.72	11.92	13.61	14.72	10.93	12.81
25	14.19	10.18	12.15	15.84	11.28	13.10	15.67	11.91	13.75	14.84	10.95	12.98
26	14.76	10.69	12.65	15.37	11.22	13.02	15.38	11.61	13.55	14.82	10.76	12.82
27	15.45	10.46	12.86	15.38	11.30	13.29	15.56	11.60	13.54	14.76	10.69	12.76
28	14.83	10.36	12.68	15.75	11.29	13.51	15.37	11.32	13.47	15.18	10.80	12.90
29	---	---	---	15.50	11.15	13.21	15.45	11.03	13.19	14.98	10.67	12.67
30	---	---	---	---	---	---	15.39	10.85	13.04	15.08	10.55	12.70
31	---	---	---	15.06	10.82	12.86	---	---	---	14.93	10.63	12.68
MONTH	15.54	9.53	12.17	---	---	---	---	---	---	16.83	9.88	12.81

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	14.92	10.16	12.23	15.14	10.50	12.62	15.07	10.35	12.54	14.88	10.10	12.36
2	15.12	10.71	12.69	15.15	10.59	12.86	14.81	10.39	12.53	14.87	10.24	12.35
3	15.18	10.98	12.86	14.45	10.33	12.29	14.83	10.37	12.49	14.93	10.36	12.39
4	14.90	10.85	12.70	14.70	10.13	12.29	14.81	10.27	12.33	15.12	10.64	12.57
5	14.78	10.64	12.39	14.70	10.35	12.24	14.64	10.13	12.28	15.21	10.52	12.60
6	14.87	10.85	12.71	14.25	10.18	12.13	15.02	10.15	12.39	15.84	10.79	13.15
7	15.11	10.87	12.65	14.25	10.01	12.09	15.15	10.17	12.46	15.95	10.96	13.37
8	14.66	10.60	12.54	14.61	9.87	12.07	15.39	10.25	12.61	16.26	10.96	13.46
9	15.10	10.26	12.62	15.29	10.04	12.44	15.44	10.09	12.60	16.20	10.92	13.44
10	15.52	10.43	12.88	---	---	---	15.43	9.79	12.40	16.02	10.92	13.39
11	15.84	10.31	12.95	---	---	---	15.46	10.02	12.48	16.05	11.08	13.55
12	16.05	10.08	12.92	15.59	9.71	12.41	15.37	10.16	12.57	15.80	10.99	13.36
13	15.97	9.88	12.81	15.69	10.00	12.60	15.34	10.36	12.65	15.12	10.79	12.98
14	15.98	9.79	12.69	15.52	9.83	12.51	14.94	10.39	12.62	15.07	10.83	12.96
15	15.85	9.95	12.61	15.46	10.24	12.65	14.43	10.35	12.46	14.90	10.90	12.91
16	15.97	10.13	12.66	15.19	10.38	12.61	---	---	---	14.88	10.90	12.93
17	15.87	10.70	12.93	14.66	10.34	12.40	---	---	---	15.24	11.26	13.14
18	15.70	10.92	13.06	14.65	10.44	12.47	---	---	---	14.29	10.87	12.52
19	15.71	10.92	13.07	14.43	10.36	12.32	---	---	---	14.26	10.82	12.50
20	15.08	11.07	13.05	14.37	10.56	12.42	---	---	---	14.53	10.86	12.67
21	15.49	11.45	13.29	14.36	10.77	12.52	---	---	---	14.97	11.17	12.97
22	15.27	11.42	13.28	14.03	10.52	12.27	---	---	---	15.39	11.11	13.29
23	14.94	11.18	13.08	13.89	10.14	11.98	---	---	---	15.38	10.65	13.11
24	14.98	10.97	12.85	13.94	10.17	12.00	---	---	---	16.10	10.89	13.37
25	14.89	10.86	12.80	14.13	10.05	12.15	---	---	---	16.23	10.80	13.52
26	15.04	10.82	12.76	14.57	10.34	12.25	---	---	---	16.17	10.67	13.48
27	15.12	10.68	12.73	14.83	10.27	12.36	15.29	10.21	12.65	16.56	10.73	13.56
28	15.19	10.67	12.75	14.86	9.94	12.27	15.22	10.09	12.52	16.72	10.84	13.55
29	15.33	10.75	12.74	15.16	10.17	12.40	15.35	10.17	12.62	16.38	10.66	13.26
30	15.17	10.64	12.70	15.02	10.18	12.45	15.22	10.28	12.61	16.01	10.68	13.15
31	---	---	---	15.16	10.21	12.46	14.90	10.16	12.41	---	---	---
MONTH	16.05	9.79	12.80	---	---	---	---	---	---	16.72	10.10	13.06