

WACCAMAW RIVER BASIN

02110815 WACCAMAW RIVER AT HAGLEY LANDING NEAR PAWLEYS ISLAND, SC

LOCATION.--Lat 33°26'10'', long 79°10'51'', Georgetown County, Hydrologic Unit 03040206, on left bank at Hagley Landing, 0.2 mi upstream of Jericho Creek, 3.2 mi west of Pawleys Island and at mile 6.9.

DRAINAGE AREA.--Indeterminate.

GAGE-HEIGHT RECORDS

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

GAGE.--Data collection platform. Datum of gage is 14.14 ft below NGVD of 1929.

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). Three auxiliary stations (02110705, 02110802, and 02135190) were used in conjunction with this station for computation of discharge. Negative daily mean discharges were computed on many days, which were caused by two complete incoming and only one outgoing tide cycles during the day.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 19.48 ft, Dec. 31, 1994; minimum gage height, 11.26 ft, Jul. 11, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 19.08 ft, Sep. 21; minimum gage height, 11.95 ft, Nov. 29.

DAY	Gage height, feet											
	WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004											
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	18.13	14.18	16.30	17.73	14.09	16.04	16.26	12.53	14.55	---	---	---
2	17.99	14.16	16.20	17.72	14.20	16.16	16.45	12.55	14.66	---	---	---
3	18.03	14.39	16.33	17.83	14.47	16.37	16.59	12.80	15.05	---	---	---
4	17.61	14.00	16.05	17.55	14.18	16.09	17.13	13.29	15.67	---	---	---
5	17.36	13.41	15.52	17.37	13.92	15.84	17.18	13.56	15.39	---	---	---
6	17.29	13.35	15.44	17.38	13.71	15.67	16.87	13.16	15.12	---	---	---
7	17.39	13.44	15.56	17.28	13.51	15.58	17.29	13.21	15.44	---	---	---
8	17.43	13.74	15.75	17.77	13.95	16.12	17.44	13.50	15.63	---	---	---
9	17.47	13.73	15.79	17.74	14.37	16.14	17.57	13.75	15.73	---	---	---
10	17.54	13.86	15.84	17.74	14.11	15.96	17.79	13.76	15.95	---	---	---
11	17.67	13.89	15.94	17.54	13.85	15.66	16.70	13.17	14.89	---	---	---
12	17.65	14.06	16.00	17.10	13.37	15.21	17.18	13.02	15.17	---	---	---
13	17.57	14.02	15.91	16.29	12.70	14.49	17.48	13.66	15.80	---	---	---
14	17.75	14.16	16.08	16.84	12.95	14.79	17.65	13.96	15.97	---	---	---
15	17.05	13.31	15.26	16.81	13.05	14.96	16.84	13.11	14.97	17.21	13.10	15.14
16	17.36	13.78	15.52	16.72	13.13	14.87	17.00	13.41	15.27	17.36	13.37	15.64
17	17.03	13.54	15.42	16.41	12.93	14.73	17.11	12.53	15.06	17.54	13.45	15.68
18	17.10	13.62	15.41	16.93	13.29	15.15	16.76	12.64	14.97	17.86	13.27	15.64
19	17.30	13.95	15.70	17.10	13.03	15.50	16.69	12.56	14.65	17.49	12.58	15.34
20	17.02	13.44	15.38	17.26	12.68	15.21	16.95	12.54	14.88	17.95	13.15	15.76
21	17.12	13.35	15.40	17.63	13.37	15.78	---	---	---	18.00	13.17	15.73
22	17.22	12.93	15.10	17.69	13.41	15.69	---	---	---	17.78	13.12	15.45
23	17.62	13.26	15.80	17.78	13.23	15.62	---	---	---	17.29	12.57	15.05
24	17.83	13.62	16.03	17.98	13.14	15.67	---	---	---	17.12	12.93	15.03
25	18.02	13.76	15.96	17.90	12.88	15.60	---	---	---	17.96	13.62	15.91
26	17.75	13.20	15.53	18.16	13.65	15.97	---	---	---	17.84	13.98	16.02
27	17.89	13.18	15.55	18.04	13.71	15.94	---	---	---	17.47	13.64	15.71
28	17.97	13.14	15.70	17.79	13.18	15.51	---	---	---	16.61	12.92	14.77
29	17.84	13.62	15.83	16.26	11.95	13.99	---	---	---	16.61	13.08	14.89
30	17.93	13.85	16.00	16.73	12.84	14.80	---	---	---	16.66	13.00	14.82
31	17.90	14.07	16.03	---	---	---	---	---	---	16.73	13.40	15.29
MONTH	18.13	12.93	15.75	18.16	11.95	15.50	---	---	---	---	---	---

WACCAMAW RIVER BASIN

02110815 WACCAMAW RIVER AT HAGLEY LANDING NEAR PAWLEYS ISLAND, SC--Continued

Gage height, feet
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	17.36	13.63	15.68	17.07	13.46	15.23	17.15	13.62	15.37	17.17	13.33	15.43
2	17.63	14.07	15.98	16.91	13.19	14.99	17.06	13.15	15.28	17.45	13.13	15.31
3	17.71	13.59	15.55	16.70	12.91	14.86	17.45	13.10	15.46	17.22	12.70	15.10
4	16.98	12.75	15.00	17.13	13.07	15.18	17.48	13.18	15.47	17.95	12.70	15.26
5	17.58	13.02	15.58	17.26	13.14	15.30	17.69	13.21	15.51	17.90	13.18	15.54
6	17.68	13.56	15.71	17.36	13.08	15.22	17.86	13.42	15.67	17.93	12.96	15.41
7	16.96	12.86	14.86	17.39	12.86	15.23	17.62	12.94	15.35	17.90	13.23	15.53
8	16.94	12.15	14.58	17.54	12.72	15.07	17.67	13.14	15.37	17.95	13.41	15.67
9	17.36	12.95	15.23	18.03	13.62	15.95	17.80	13.58	15.66	17.91	13.80	15.84
10	17.13	12.94	15.01	18.02	13.80	16.04	17.96	13.73	15.84	17.86	13.86	15.89
11	16.84	12.87	14.92	17.84	13.93	15.95	17.69	13.41	15.50	17.72	13.83	15.81
12	17.31	13.59	15.66	17.76	13.65	15.66	17.49	13.64	15.71	17.52	13.56	15.71
13	17.50	13.48	15.49	17.61	13.93	15.77	17.44	12.93	15.47	17.25	13.38	15.49
14	17.44	13.63	15.55	17.82	13.59	15.82	16.26	12.43	14.46	17.19	13.22	15.39
15	17.91	13.98	16.22	17.47	13.47	15.53	17.02	12.44	14.99	17.29	13.17	15.36
16	17.86	13.92	16.03	17.59	13.48	15.73	17.40	13.14	15.46	17.29	13.08	15.29
17	18.15	13.94	16.24	17.63	13.49	15.88	17.17	13.18	15.28	17.23	12.94	15.15
18	17.93	13.76	15.90	17.84	13.78	16.01	16.99	12.84	14.97	17.25	12.93	15.09
19	17.94	13.61	15.90	17.68	13.53	15.79	16.89	12.69	14.77	17.15	12.97	15.03
20	17.88	13.65	15.83	18.19	14.16	16.32	16.93	12.48	14.59	16.86	12.73	14.75
21	17.54	13.44	15.48	17.51	13.35	15.73	17.13	12.88	14.89	16.93	12.82	14.68
22	17.81	13.53	15.80	17.52	13.48	15.68	17.03	12.88	14.88	16.96	13.03	14.87
23	17.85	13.79	15.87	17.52	13.66	15.71	16.90	12.92	14.68	16.96	13.13	14.94
24	17.85	14.24	16.15	17.50	13.19	15.31	16.65	12.85	14.63	16.98	13.11	14.91
25	17.84	14.77	16.45	17.18	12.97	14.97	16.71	13.30	15.06	16.72	13.07	14.77
26	18.21	15.58	16.91	16.82	12.89	14.75	16.95	13.41	15.11	16.62	13.02	14.84
27	17.74	14.18	16.13	16.67	13.26	14.90	16.70	13.39	15.06	16.60	13.02	14.95
28	17.70	14.38	16.17	16.77	13.33	15.32	16.97	13.78	15.35	16.85	13.21	15.16
29	17.38	13.85	15.59	17.55	14.58	16.14	17.01	13.38	15.29	17.24	13.07	15.32
30	---	---	---	17.81	14.33	16.22	16.92	13.05	15.21	17.78	13.57	15.84
31	---	---	---	17.74	13.80	16.12	---	---	---	17.48	13.01	15.46
MONTH	18.21	12.15	15.71	18.19	12.72	15.56	17.96	12.43	15.21	17.95	12.70	15.28

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	17.74	12.72	15.19	17.94	12.89	15.44	18.23	13.59	16.01	17.62	13.52	15.65
2	17.91	12.89	15.38	17.94	13.07	15.44	18.35	13.82	16.10	17.92	13.85	16.09
3	17.96	12.76	15.39	18.04	13.25	15.58	18.35	14.08	16.17	17.93	14.32	16.22
4	17.88	12.92	15.38	18.00	13.37	15.63	18.01	13.92	15.96	17.80	14.07	16.12
5	17.96	13.03	15.37	18.01	13.36	15.63	17.77	13.90	15.92	17.85	14.53	16.39
6	17.99	13.52	15.71	17.79	13.53	15.65	17.57	13.64	15.87	17.88	14.96	16.61
7	17.97	13.64	15.73	17.74	13.72	15.87	17.86	14.21	16.21	17.96	14.90	16.63
8	17.79	13.74	15.77	17.64	13.70	15.86	17.46	13.97	15.88	17.62	14.74	16.41
9	17.58	13.58	15.65	17.51	13.66	15.80	17.26	13.64	15.59	---	---	---
10	17.37	13.56	15.68	17.36	13.55	15.69	17.16	13.49	15.45	---	---	---
11	17.33	13.27	15.52	17.47	13.54	15.71	17.09	13.34	15.29	---	---	---
12	17.72	13.34	15.70	17.46	13.66	15.71	16.98	13.31	15.12	---	---	---
13	17.94	14.34	16.28	17.35	13.35	15.47	16.95	12.77	14.95	---	---	---
14	17.65	13.73	15.83	17.34	13.26	15.30	17.35	13.34	15.44	---	---	---
15	17.37	13.53	15.56	17.50	13.44	15.45	17.45	13.64	15.59	18.08	14.42	16.43
16	17.21	13.06	15.16	17.66	13.63	15.63	17.59	13.47	15.51	18.15	14.51	16.46
17	17.15	13.03	15.05	17.68	13.84	15.70	17.73	13.61	15.64	18.42	14.85	16.65
18	17.20	12.92	14.99	17.47	13.23	15.37	17.60	13.87	15.82	17.80	14.09	15.90
19	17.65	13.38	15.35	17.43	13.44	15.47	17.47	13.66	15.50	18.25	14.32	16.41
20	18.01	13.95	15.92	17.44	13.40	15.40	17.32	13.38	15.44	19.01	15.51	17.31
21	18.00	14.29	16.14	17.44	13.43	15.42	17.18	13.17	15.18	19.08	15.69	17.42
22	17.87	13.56	15.60	17.31	13.45	15.47	17.31	12.97	15.25	18.62	15.44	17.05
23	17.00	13.11	14.95	17.31	13.62	15.56	17.76	13.53	15.82	18.45	14.93	16.72
24	16.58	12.93	14.85	17.20	13.36	15.38	17.88	13.69	16.04	18.75	15.11	16.97
25	17.01	13.15	15.22	17.30	13.22	15.37	17.86	13.68	15.99	18.80	15.27	17.14
26	16.84	13.12	15.03	17.50	13.15	15.47	17.90	13.53	15.88	18.90	15.33	17.22
27	17.49	13.27	15.56	17.67	13.14	15.55	18.07	13.39	15.86	18.87	15.46	17.28
28	17.30	13.01	15.31	17.62	12.88	15.34	18.29	13.63	16.07	18.18	14.33	16.56
29	17.60	12.80	15.21	17.62	12.76	15.22	18.76	14.76	16.92	17.94	14.09	16.13
30	17.82	12.97	15.46	17.97	13.01	15.48	17.57	13.23	15.59	18.15	14.15	16.33
31	---	---	---	18.28	13.45	15.86	17.57	13.24	15.47	---	---	---
MONTH	18.01	12.72	15.46	18.28	12.76	15.55	18.76	12.77	15.73	---	---	---