

ASHLEY RIVER BASIN

439

02172081 ASHLEY RIVER AT COOKE CROSSROADS, SC

LOCATION.--Lat 32°57'31'', long 80°12'04'', Dorchester County, Hydrologic Unit 03050202, on downstream side of bridge on State Road 165, 0.7 mi north of Cooke Crossroads, and at mile 27.9

DRAINAGE AREA.--Indeterminate.

GAGE-HEIGHT RECORDS

PERIOD OF RECORD.--July 1992 to September 1995, May 2000 to current year.

GAGE.--Data collection platform. Elevation of gage is 9.38 ft above NGVD of 1929.

REMARKS.--Gage height affected by tide.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 19.18 ft, Jan. 14, 1993; minimum gage height, 7.95 ft, Dec. 26, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 18.92 ft, Sep. 12; minimum gage height, 8.47 ft, Oct. 3.

Gage height, feet												
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	13.92	8.87	11.76	14.02	9.33	11.98	13.11	9.73	11.30	14.87	12.45	13.42
2	13.81	8.58	11.60	14.02	9.30	11.98	13.95	9.63	11.70	14.17	12.13	13.02
3	13.90	8.47	11.45	14.11	9.21	11.89	13.75	9.49	11.56	14.23	11.88	12.84
4	14.14	8.50	11.48	14.20	9.06	11.82	14.65	9.41	12.06	13.97	11.64	12.59
5	14.04	8.62	11.58	14.54	9.00	12.00	14.37	9.40	11.89	14.15	11.48	12.65
6	14.16	8.69	11.64	14.07	9.22	11.68	13.96	9.20	11.42	13.56	11.26	12.20
7	14.36	8.88	11.94	14.17	9.13	11.44	13.70	9.13	11.26	13.33	11.20	12.01
8	14.51	8.99	12.18	14.08	9.28	11.75	13.40	9.04	11.02	12.84	11.24	11.79
9	14.63	9.18	12.33	13.81	9.58	11.69	13.53	8.98	11.10	12.57	11.16	11.76
10	14.50	8.99	12.24	13.55	9.56	11.51	13.93	9.30	11.77	12.73	10.95	11.57
11	14.56	9.66	12.55	12.97	9.83	11.30	13.41	9.12	11.45	12.67	10.73	11.58
12	13.94	8.82	11.68	12.93	10.06	11.32	12.58	9.07	10.64	12.64	10.46	11.43
13	13.99	9.01	11.82	13.07	10.16	11.52	13.03	9.09	11.32	12.96	10.22	11.39
14	14.34	9.49	12.44	13.39	10.42	12.05	12.95	9.49	10.69	12.82	10.13	11.24
15	14.77	10.42	13.19	13.73	10.62	12.42	12.82	9.53	11.02	12.56	9.89	11.02
16	14.12	9.89	12.63	13.73	10.76	12.48	12.95	9.79	11.07	13.12	9.79	11.35
17	13.97	9.66	12.15	13.78	11.17	12.25	13.26	9.90	11.57	12.61	9.57	10.85
18	13.90	9.78	12.11	13.34	11.14	12.14	13.93	10.11	12.01	13.54	9.50	11.33
19	13.69	9.83	12.06	13.88	11.54	12.65	14.03	10.26	12.12	12.87	9.32	10.70
20	13.59	9.83	11.93	14.10	11.84	12.86	13.68	10.49	11.82	12.66	9.22	10.39
21	13.55	9.82	11.81	14.30	11.94	13.01	12.97	10.56	11.43	12.91	9.16	10.49
22	13.68	9.78	11.81	13.91	11.89	12.67	13.18	10.58	11.49	13.50	9.22	11.19
23	13.88	9.69	11.86	13.55	11.79	12.41	13.15	10.50	11.48	13.25	9.30	11.08
24	13.98	9.63	11.88	13.49	11.60	12.31	14.24	10.38	12.28	12.64	9.20	10.44
25	13.94	9.46	11.81	13.38	11.34	12.14	13.32	11.15	11.92	12.82	9.10	10.64
26	13.50	9.37	11.54	13.36	11.05	12.00	13.57	11.53	12.26	13.08	9.06	10.79
27	13.44	9.22	11.37	13.15	10.69	11.75	13.75	11.99	12.84	12.64	9.03	10.42
28	13.52	9.21	11.40	13.32	10.37	11.81	13.59	12.03	12.77	13.25	9.00	10.92
29	13.50	9.16	11.29	13.20	10.13	11.74	13.72	12.08	12.82	13.26	8.95	10.82
30	13.51	9.27	11.63	12.76	9.89	11.01	14.31	12.25	13.23	13.31	8.91	10.93
31	13.74	9.28	11.86	---	---	---	14.44	12.47	13.34	13.31	8.90	10.90
MONTH	14.77	8.47	11.90	14.54	9.00	11.99	14.65	8.98	11.76	14.87	8.90	11.41

ASHLEY RIVER BASIN

02172081 ASHLEY RIVER AT COOKE 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	13.48	8.88	10.96	13.86	10.49	12.24	13.19	11.16	12.22	13.70	9.80	11.68
2	13.24	8.86	10.81	14.09	11.01	12.56	12.86	10.72	11.63	13.57	10.00	11.70
3	13.11	8.82	10.64	13.87	11.32	12.54	12.83	10.39	11.28	13.51	10.10	11.63
4	12.88	8.81	10.40	14.09	11.77	12.90	12.98	10.13	11.19	13.92	10.17	11.96
5	12.44	8.78	10.13	13.86	12.09	12.91	12.96	9.96	11.23	14.22	9.98	12.20
6	12.73	8.77	10.40	13.74	12.22	12.82	13.42	9.88	11.35	13.83	9.68	11.47
7	12.74	8.91	10.27	14.09	12.64	13.27	13.88	10.13	12.24	12.86	9.78	10.99
8	12.00	8.93	10.12	14.19	13.05	13.56	13.46	11.34	12.26	13.03	9.57	10.92
9	12.34	8.94	10.32	14.25	13.15	13.62	14.32	11.80	12.95	12.86	9.53	10.89
10	12.44	9.01	10.24	14.18	12.97	13.53	14.19	12.20	13.13	12.63	9.31	10.93
11	12.28	9.01	10.23	14.16	12.58	13.30	14.11	12.25	13.30	12.84	9.19	10.95
12	12.24	9.02	10.00	13.75	12.21	12.89	14.39	12.66	13.71	12.78	9.02	10.72
13	12.50	9.00	10.31	13.56	12.11	12.74	15.27	13.36	14.47	13.63	8.88	11.05
14	12.52	9.02	10.45	13.61	12.04	12.84	15.92	14.61	15.32	14.15	8.86	11.30
15	12.87	9.06	10.72	14.37	12.07	13.18	15.90	15.02	15.49	14.21	8.98	11.56
16	13.72	9.11	11.40	14.29	11.85	13.01	15.84	14.51	15.19	14.35	9.07	11.52
17	13.88	9.47	11.61	14.24	11.58	12.93	15.70	13.78	14.77	14.35	9.12	11.69
18	13.52	9.54	11.36	14.51	11.57	13.10	---	---	---	14.67	9.22	12.19
19	13.72	9.62	11.55	14.55	11.56	13.16	15.20	12.21	13.69	14.92	10.38	12.66
20	13.49	9.62	11.55	15.93	11.77	14.38	14.88	11.56	13.21	14.42	10.01	12.31
21	13.68	9.68	11.78	15.20	13.18	14.18	14.70	11.04	12.91	13.96	9.78	11.73
22	13.88	9.75	11.90	15.01	13.50	14.21	14.37	10.41	12.29	13.35	9.66	11.51
23	13.27	9.85	11.06	15.08	14.06	14.64	13.51	10.15	12.02	13.71	10.28	11.97
24	12.91	9.89	11.11	15.78	14.93	15.48	13.55	9.81	11.83	13.14	10.30	11.88
25	12.87	9.90	11.19	16.29	15.51	15.91	13.49	9.90	12.00	13.27	10.28	11.93
26	13.43	9.93	11.64	15.96	14.87	15.48	13.26	10.11	11.93	13.14	10.22	11.70
27	13.96	9.94	11.95	15.48	14.24	14.93	13.64	10.13	12.02	13.00	10.06	11.50
28	13.47	10.31	11.83	15.21	13.76	14.44	13.61	9.95	12.01	13.53	10.00	11.66
29	---	---	---	14.53	12.90	13.71	13.52	9.76	11.72	13.09	9.98	11.42
30	---	---	---	---	---	---	13.61	9.67	11.52	13.42	10.03	11.47
31	---	---	---	13.54	11.62	12.57	---	---	---	13.11	9.93	11.38
MONTH	13.96	8.77	10.93	---	---	---	---	---	---	14.92	8.86	11.56

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	13.34	9.75	11.09	13.89	10.50	11.89	17.04	15.77	16.39	13.54	10.46	11.91
2	13.49	9.50	11.21	13.95	10.27	11.81	16.11	14.64	15.38	13.56	10.20	11.73
3	13.54	9.33	11.38	13.12	9.85	11.20	15.23	13.70	14.47	13.52	10.09	11.62
4	13.41	9.45	11.19	12.91	9.62	11.00	14.44	12.96	13.72	13.56	9.85	11.56
5	12.99	9.16	10.71	12.96	9.50	10.98	13.99	12.49	13.25	14.02	9.83	12.00
6	12.92	9.01	10.89	12.96	9.58	11.03	14.09	12.31	13.04	14.51	10.40	12.73
7	13.33	9.08	11.07	12.89	9.65	11.12	14.08	12.13	12.93	---	---	---
8	13.01	9.15	11.01	13.06	9.75	11.34	14.16	11.85	12.81	---	---	---
9	13.04	9.02	10.96	13.82	10.64	12.19	14.08	11.54	12.59	---	---	---
10	13.58	8.96	11.28	14.33	11.79	12.84	14.00	11.45	12.40	---	---	---
11	13.97	9.17	11.52	---	---	---	13.96	11.64	12.53	---	---	---
12	14.12	9.73	11.73	---	---	---	14.07	11.87	12.73	18.92	18.38	18.70
13	14.16	10.11	11.93	---	---	---	14.26	12.11	13.00	18.42	17.24	17.84
14	14.27	10.82	12.22	---	---	---	14.32	12.71	13.47	17.26	15.93	16.58
15	14.22	11.15	12.36	---	---	---	14.31	12.81	13.48	16.07	14.67	15.40
16	14.23	11.28	12.43	13.87	10.90	12.13	14.00	12.55	13.21	15.08	13.72	14.47
17	14.15	11.18	12.56	13.57	10.96	11.99	13.68	12.26	12.87	14.46	12.83	13.77
18	14.01	11.17	12.46	13.15	11.06	12.00	13.41	12.22	12.69	13.68	11.80	12.85
19	14.11	11.86	12.91	13.08	11.07	11.90	13.52	12.20	12.79	13.04	10.91	12.00
20	15.56	13.45	14.37	12.97	11.04	11.87	13.64	12.19	12.80	13.27	10.42	11.72
21	17.52	15.56	16.90	13.03	11.04	11.95	13.52	11.89	12.63	13.73	10.18	11.94
22	17.78	17.47	17.64	12.74	10.86	11.65	13.25	11.55	12.29	13.96	9.88	12.14
23	17.52	16.78	17.21	12.77	11.01	11.70	13.08	11.31	11.98	13.97	9.57	11.91
24	16.80	16.09	16.46	13.48	11.61	12.45	13.52	11.07	12.02	14.42	9.58	12.16
25	16.09	15.24	15.71	14.15	12.52	13.25	13.83	10.93	12.24	14.56	9.63	12.42
26	15.24	14.44	14.90	15.29	13.55	14.37	13.95	11.07	12.27	14.46	9.59	12.46
27	14.58	13.55	14.13	15.86	14.74	15.18	13.96	11.12	12.33	14.55	9.59	12.50
28	14.24	12.71	13.48	16.82	15.41	15.97	13.85	11.05	12.32	14.50	9.38	12.28
29	13.94	11.88	12.81	17.96	16.79	17.31	13.87	10.99	12.32	14.42	9.08	12.06
30	13.62	11.16	12.23	18.01	17.71	17.88	13.89	10.92	12.35	14.34	8.96	11.98
31	---	---	---	17.87	16.93	17.38	13.61	10.71	12.15	---	---	---
MONTH	17.78	8.96	12.89	---	---	---	17.04	10.71	12.95	---	---	---