02172080 ASHLEY RIVER NEAR SUMMERVILLE, SC

LOCATION.--Lat 32°58'06'', long 80°15'11'', Dorchester County, Hydrologic Unit 03050202, on downstream side of bridge on US Hwy 17-A (Slands Bridge), 5 mi southeast of Givhans, and 5 mi southwest of Summerville.

DRAINAGE AREA.--Indeterminate.

GAGE-HEIGHT RECORDS

PERIOD OF RECORD.--October 2003 to September 2004. Discharge records were published for the period July 2001 to September 2003.

GAGE.--Data collection platform. Datum of gage is 25.23 ft above NGVD of 1929.

REMARKS.--This site is strongly affected by astronomical tides. The astromomical tides occur at primary harmonic periods of 12.42 hours for semi-diurnal tides and 24.84 hours for diurnal tides. Computed 24-hour daily mean discharge for this site may be affected by aliasing due to tides and, thus, may contain spurious fluctuations or oscillations that are not indicative of net downstream discharge.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 3,340 ft^3/s, Sep. 11, 2001, maximum gage height, 40.25 ft, Sep. 11, 2003; minimum discharge, -31 ft^3/s, Sep. 24, 2001, minimum gage height, 29.87 ft, Dec. 9, 10, 2001.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 37.62 ft, Feb. 19; minimum gage height, 30.17 ft, Aug. 12.

Gage height, feet
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	31.84	31.74	31.80	33.81	33.49	33.61	31.39	31.35	31.37	32.12	32.02	32.06
2	31.76	31.64	31.72	33.69	33.47	33.56	31.38	31.34	31.36	32.05	31.96	32.00
3	31.66	31.57	31.61	33.94	33.67	33.81	31.37	31.32	31.34	31.98	31.92	31.95
4	31.59	31.51	31.55	34.02	33.91	33.97	31.89	31.32	31.56	31.94	31.88	31.92
5	31.54	31.46	31.49	34.02	33.92	33.99	31.99	31.89	31.95	31.92	31.85	31.87
6	31.48	31.42	31.45	33.94	33.79	33.86	31.96	31.89	31.92	31.88	31.80	31.83
7	31.44	31.38	31.41	33.80	33.58	33.70	31.96	31.89	31.92	31.82	31.74	31.77
8	31.41	31.35	31.37	33.59	33.28	33.45	32.01	31.94	31.97	31.78	31.73	31.75
9	31.37	31.30	31.34	33.30	32.86	33.09	32.07	31.98	32.02	31.84	31.74	31.79
10	31.32	31.25	31.28	32.87	32.64	32.74	32.32	32.05	32.14	31.84	31.74	31.80
11	31.27	31.23	31.25	32.65	32.46	32.55	32.36	32.29	32.32	31.78	31.69	31.73
12	31.25	31.19	31.22	32.49	32.32	32.40	32.40	32.32	32.35	31.72	31.66	31.69
13	31.21	31.16	31.18	32.33	32.12	32.24	32.53	32.38	32.45	31.69	31.64	31.66
14	31.16	31.11	31.14	32.15	31.99	32.07	32.85	32.51	32.71	31.68	31.61	31.64
15	31.13	31.04	31.09	32.03	31.91	31.97	32.88	32.83	32.85	31.64	31.59	31.62
16	31.06	30.96	31.01	31.94	31.84	31.89	32.86	32.81	32.84	31.62	31.56	31.59
17	31.10	30.93	30.97	31.86	31.76	31.81	---	---	---	31.60	31.54	31.57
18	31.51	31.10	31.38	31.79	31.70	31.74	---	---	---	31.62	31.55	31.58
19	31.49	31.29	31.41	31.84	31.65	31.73	---	---	---	31.62	31.57	31.60
20	31.30	31.14	31.22	31.84	31.78	31.81	---	---	---	31.61	31.54	31.57
21	31.14	31.04	31.09	---	---	---	---	---	---	31.57	31.51	31.53
22	31.05	30.98	31.01	31.74	31.63	31.68	---	---	---	31.54	31.49	31.51
23	31.00	30.92	30.95	31.67	31.62	31.64	32.83	32.77	32.80	31.52	31.46	31.49
24	30.94	30.86	30.90	31.65	31.58	31.61	32.80	32.74	32.76	31.49	31.43	31.46
25	30.88	30.83	30.86	---	---	---	32.76	32.63	32.70	31.47	31.43	31.45
26	30.85	30.80	30.82	31.53	31.47	31.50	32.67	32.54	32.60	32.00	31.42	31.53
27	---	---	---	31.49	31.45	31.47	32.57	32.42	32.49	---	---	---
28	32.50	30.78	31.08	31.48	31.43	31.45	32.46	32.32	32.39	32.40	32.26	32.31
29	33.79	32.50	33.38	31.46	31.38	31.42	32.36	32.24	32.30	32.46	32.27	32.36
30	33.77	33.39	33.54	31.41	31.36	31.38	32.26	32.17	32.23	32.55	32.43	32.48
31	33.97	33.77	33.90	---	---	---	32.21	32.10	32.15	32.69	32.52	32.60
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

02172080 ASHLEY RIVER NEAR SUMMERVILLE, 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	32.80	32.66	32.73	35.60	35.46	35.52	31.55	31.46	31.51	31.49	31.21	31.33
2	32.97	32.77	32.85	35.55	35.45	35.49	31.49	31.40	31.45	32.26	31.46	31.61
3	33.69	32.96	33.40	35.70	35.53	35.61	31.43	31.34	31.39	32.84	32.26	32.65
4	33.86	33.67	33.77	35.74	35.68	35.72	31.37	31.28	31.34	32.76	32.63	32.68
5	33.89	33.79	33.85	35.73	35.58	35.67	31.31	31.21	31.26	32.73	32.65	32.69
6	33.87	33.68	33.76	35.59	35.29	35.45	31.25	31.16	31.21	32.68	32.54	32.62
7	34.22	33.86	34.09	35.30	34.93	35.13	31.19	31.12	31.15	32.57	32.49	32.55
8	34.26	34.18	34.22	34.95	34.46	34.71	31.45	31.11	31.18	32.55	32.44	32.51
9	34.26	34.13	34.20	34.47	34.10	34.28	31.59	31.43	31.55	32.48	32.35	32.44
10	34.16	34.04	34.10	34.13	33.89	34.03	31.52	31.33	31.43	32.37	32.21	32.31
11	34.08	33.97	34.03	33.91	33.59	33.74	31.35	31.18	31.26	32.22	32.07	32.16
12	34.89	33.98	34.38	33.60	33.32	33.47	32.24	31.16	31.79	32.09	31.89	32.01
13	35.45	34.88	35.18	33.35	33.09	33.22	32.31	32.19	32.24	31.91	31.69	31.82
14	35.92	35.44	35.66	33.12	32.92	33.02	32.25	32.10	32.19	31.71	31.49	31.62
15	36.51	35.91	36.23	32.95	32.79	32.87	32.13	32.00	32.08	31.50	31.31	31.42
16	37.01	36.51	36.78	32.81	32.70	32.75	32.02	31.86	31.96	31.32	31.24	31.28
17	---	---	---	32.72	32.57	32.65	31.89	31.72	31.81	31.31	31.16	31.24
18	---	---	---	32.60	32.45	32.53	31.75	31.63	31.69	31.18	31.05	31.13
19	37.62	37.55	37.59	32.47	32.35	32.42	31.68	31.62	31.65	31.06	30.94	31.01
20	37.60	37.45	37.54	32.37	32.25	32.31	31.70	31.63	31.67	30.95	30.84	30.89
21	37.47	37.21	37.34	32.28	32.15	32.22	31.72	31.66	31.69	30.86	30.73	30.79
22	37.21	36.88	37.05	32.17	32.01	32.10	31.70	31.61	31.67	30.84	30.66	30.74
23	36.89	36.50	36.70	32.04	31.94	31.99	31.64	31.53	31.60	30.71	30.60	30.65
24	36.50	36.12	36.32	31.96	31.87	31.92	31.57	31.44	31.51	30.75	30.61	30.68
25	36.13	35.75	35.93	31.90	31.81	31.86	31.45	31.31	31.39	30.71	30.61	30.66
26	35.78	35.68	35.74	31.84	31.75	31.80	31.53	31.25	31.30	30.63	30.52	30.58
27	35.80	35.74	35.77	31.78	31.69	31.73	31.99	31.53	31.88	30.54	30.44	30.48
28	35.80	35.72	35.77	31.71	31.62	31.68	31.79	31.43	31.60	30.46	30.38	30.42
29	35.73	35.56	35.66	31.66	31.56	31.62	31.45	31.25	31.34	30.40	30.34	30.37
30	---	---	---	31.59	31.53	31.56	31.28	31.21	31.24	30.36	30.32	30.34
31	---	---	---	31.60	31.52	31.57	---	---	---	30.35	30.30	30.33
MONTH	---	---	---	35.74	31.52	33.25	32.31	31.11	31.57	32.84	30.30	31.42

Gage height, feet

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	30.33	30.28	30.30	30.54	30.45	30.50	31.17	30.99	31.10	33.07	32.25	32.84
2	30.31	30.27	30.29	30.76	30.40	30.46	31.01	30.83	30.93	33.07	32.93	33.01
3	30.29	30.26	30.27	30.76	30.46	30.57	30.84	30.70	30.77	32.95	32.89	32.92
4	30.29	30.24	30.26	30.49	30.38	30.43	30.72	30.57	30.64	33.20	32.89	33.00
5	30.30	30.26	30.28	30.40	30.33	30.36	30.59	30.46	30.52	34.12	33.20	33.67
6	30.30	30.26	30.28	30.34	30.30	30.32	30.48	30.38	30.43	34.73	34.11	34.42
7	30.30	30.26	30.28	30.33	30.28	30.30	30.40	30.31	30.35	---	---	---
8	30.57	30.26	30.39	30.30	30.25	30.28	---	---	---	---	---	---
9	30.62	30.53	30.57	30.27	30.22	30.25	30.31	30.24	30.27	---	---	---
10	30.55	30.45	30.50	30.25	30.20	30.22	30.27	30.21	30.24	35.84	35.75	35.81
11	30.47	30.40	30.43	31.66	30.19	30.64	30.24	30.18	30.21	35.89	35.78	35.85
12	30.42	30.35	30.38	31.15	30.57	30.77	30.38	30.17	30.23	35.79	35.61	35.69
13	30.48	30.34	30.39	30.60	30.53	30.58	30.47	30.36	30.41	35.79	35.61	35.70
14	30.50	30.46	30.48	30.56	30.46	30.51	30.49	30.40	30.46	35.84	35.77	35.81
15	30.49	30.45	30.47	30.48	30.40	30.44	30.76	30.45	30.59	35.81	35.60	35.73
16	30.52	30.45	30.48	30.40	30.33	30.37	30.69	30.52	30.60	35.61	35.29	35.46
17	30.51	30.45	30.48	30.36	30.31	30.33	30.55	30.43	30.49	35.29	34.83	35.08
18	30.48	30.41	30.44	30.58	30.30	30.37	30.45	30.40	30.42	34.83	34.34	34.59
19	30.45	30.38	30.42	31.51	30.56	31.18	30.44	30.34	30.39	34.35	33.87	34.13
20	30.41	30.35	30.38	31.52	31.38	31.43	30.42	30.34	30.37	33.88	33.39	33.63
21	30.39	30.34	30.36	32.60	31.50	31.99	31.59	30.37	30.91	33.39	33.00	33.20
22	30.40	30.36	30.37	33.28	32.60	33.04	31.66	31.58	31.62	33.02	32.66	32.85
23	30.38	30.34	30.36	33.34	33.19	33.29	31.62	31.51	31.55	32.69	32.38	32.54
24	30.37	30.32	30.34	33.19	32.98	33.09	31.59	31.30	31.47	32.40	32.17	32.30
25	30.34	30.31	30.33	32.99	32.60	32.82	31.31	31.09	31.21	32.20	31.98	32.09
26	30.33	30.29	30.31	32.62	32.20	32.42	31.11	30.95	31.03	32.00	31.83	31.90
27	30.31	30.27	30.29	32.22	31.84	32.04	30.97	30.81	30.89	32.17	31.90	32.08
28	30.31	30.25	30.28	31.87	31.56	31.71	30.83	30.71	30.77	32.12	31.86	32.00
29	30.28	30.24	30.26	31.56	31.30	31.43	31.85	30.72	31.35	31.88	31.80	31.84
30	30.54	30.23	30.33	31.30	31.07	31.19	32.11	31.84	32.00	32.03	31.80	31.90
31	---	---	---	---	---	---	32.25	31.86	31.94	---	---	---
MONTH	30.62	30.23	30.37	---	---	---	---	---	---	---	---	---