

PEE DEE RIVER BASIN

02131500 LYNCHES RIVER NEAR BISHOPVILLE, SC

LOCATION.--Lat 34°15'00'', long 80°12'50'', Lee County, Hydrologic Unit 03040202, near center of span on downstream side of bridge on U.S. Highway 15, 1.0 mi upstream from Seaboard Coast Line Railroad bridge, 2.9 mi northeast of Bishopville, 3.0 mi downstream from Bells Branch, and at mile 89.5.

DRAINAGE AREA.--675 mi².

PERIOD OF RECORD.--May 1942 to September 1971, February 2002 to September 2003.

REVISIONS.--The maximum discharge for the water year 2002 has been revised to 1,220 ft³/s, Feb. 10, 2002, gage height, 9.69 ft.

GAGE.--Data collection platform. Datum of gage is 155.59 ft above NGVD of 1929. Prior to June 11, 1948, nonrecording gage at site 100 ft upstream at same datum. June 11, 1948 to December 15, 1954, nonrecording gage at present site and datum. October 1977 to February 2002, nonrecording gage at present site and datum.

REMARKS.--No estimated daily discharges. Records fair.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	251	578	171	124	92	104	279
2	---	---	---	---	---	264	854	174	128	86	95	336
3	---	---	---	---	---	365	827	183	122	89	88	295
4	---	---	---	---	---	686	568	193	114	91	78	242
5	---	---	---	---	---	757	450	232	107	92	74	200
6	---	---	---	---	277	528	392	364	103	98	67	167
7	---	---	---	---	334	420	357	335	112	96	56	147
8	---	---	---	---	621	375	329	268	134	96	49	133
9	---	---	---	---	1090	350	312	224	136	80	44	123
10	---	---	---	---	1100	337	306	197	122	79	41	116
11	---	---	---	---	666	341	312	216	111	90	38	109
12	---	---	---	---	535	335	349	214	104	79	37	104
13	---	---	---	---	467	328	359	222	97	81	33	101
14	---	---	---	---	410	387	362	245	92	92	e40	98
15	---	---	---	---	379	439	373	219	94	97	65	105
16	---	---	---	---	362	396	360	193	100	108	72	117
17	---	---	---	---	342	361	338	173	92	121	99	190
18	---	---	---	---	329	337	314	165	93	114	122	353
19	---	---	---	---	312	333	297	175	90	97	104	304
20	---	---	---	---	300	339	324	202	89	83	94	289
21	---	---	---	---	296	342	331	221	85	73	87	299
22	---	---	---	---	299	382	275	203	82	64	81	290
23	---	---	---	---	295	569	240	184	92	67	77	234
24	---	---	---	---	284	476	216	169	95	62	71	195
25	---	---	---	---	274	386	204	156	100	82	69	169
26	---	---	---	---	268	347	202	148	113	124	77	162
27	---	---	---	---	266	351	209	136	111	126	109	165
28	---	---	---	---	258	332	206	128	113	107	155	189
29	---	---	---	---	---	321	192	122	109	95	194	202
30	---	---	---	---	---	314	177	124	99	86	180	186
31	---	---	---	---	---	348	---	127	---	80	236	---
TOTAL	---	---	---	---	---	12097	10613	6083	3163	2827	2736	5899
MEAN	---	---	---	---	---	390	354	196	105	91.2	88.3	197
MAX	---	---	---	---	---	757	854	364	136	126	236	353
MIN	---	---	---	---	---	251	177	122	82	62	33	98
CFSM	---	---	---	---	---	0.58	0.52	0.29	0.16	0.14	0.13	0.29
IN.	---	---	---	---	---	0.67	0.58	0.34	0.17	0.16	0.15	0.33

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1943 - 2002, BY WATER YEAR (WY)

MEAN	525	605	720	1050	1267	1353	1067	639	451	483	545	578
MAX	2242	1751	2005	2169	2738	2317	2199	1518	1229	997	2004	3498
(WY)	1965	1949	1949	1968	1960	1964	1960	1949	1969	1943	1971	1945
MIN	149	216	291	334	455	390	354	196	105	91.2	88.3	146
(WY)	1952	1952	1956	1956	1957	2002	2002	2002	2002	2002	2002	1954

SUMMARY STATISTICS WATER YEARS 1943 - 2002

ANNUAL MEAN	782
HIGHEST ANNUAL MEAN	1215
LOWEST ANNUAL MEAN	403
HIGHEST DAILY MEAN	27300
LOWEST DAILY MEAN	33
ANNUAL SEVEN-DAY MINIMUM	40
MAXIMUM PEAK FLOW	a 29400
MAXIMUM PEAK STAGE	b 22.35
ANNUAL RUNOFF (CFSM)	1.16
ANNUAL RUNOFF (INCHES)	15.73
10 PERCENT EXCEEDS	1510
50 PERCENT EXCEEDS	527
90 PERCENT EXCEEDS	232

a From rating curve extended above 12,000 ft³/s by velocity-area studies.

b From floodmarks.

PEE DEE RIVER BASIN

02131500 LYNCHES RIVER NEAR BISHOPVILLE, SC--Continued

SUMMARY STATISTICS

FOR 2003 WATER YEAR

WATER YEARS 1943 - 2003

ANNUAL TOTAL	319254		
ANNUAL MEAN	875		785
HIGHEST ANNUAL MEAN			1215 1965
LOWEST ANNUAL MEAN			403 1951
HIGHEST DAILY MEAN	6870	Apr 13	27300 Sep 19 1945
LOWEST DAILY MEAN	130	Oct 8	33 Aug 13 2002
ANNUAL SEVEN-DAY MINIMUM	140	Oct 3	40 Aug 8 2002
MAXIMUM PEAK FLOW	7610	Apr 13	a 29400 Sep 19 1945
MAXIMUM PEAK STAGE	15.41	Apr 13	b 22.35 Sep 19 1945
ANNUAL RUNOFF (CFSM)	1.30		1.16
ANNUAL RUNOFF (INCHES)	17.59		15.79
10 PERCENT EXCEEDS	1780		1520
50 PERCENT EXCEEDS	557		527
90 PERCENT EXCEEDS	268		232

a From rating curve extended above 12,000 ft³/s by velocity-area studies.

b From floodmarks.

e Estimated

