

TENNESSEE RIVER BASIN

03455500 WEST FORK PIGEON RIVER ABOVE LAKE LOGAN NEAR HAZELWOOD, NC

LOCATION.--Lat 35°23'46", long 82°56'17", Haywood County, Hydrologic Unit 06010106, on right bank at upstream side of bridge on Secondary Road 1216, 600 ft upstream from Big Creek, 1.1 mi upstream from Lake Logan, 6.7 mi southeast of Hazelwood, and at mile 9.3.

DRAINAGE AREA.--27.6 mi².

PERIOD OF RECORD.--February 1954 to current year.

REVISED RECORDS.--WDR NC-95-1: 1994 (M).

GAGE.--Water-stage recorder. Datum of gage is 2,976.00 ft above sea level. Satellite and telephone telemetry at station.

REMARKS.--Records good except those for estimated daily discharges, which are fair. Maximum gage height for period of record, from floodmarks. Minimum discharge for period of record also occurred Sept. 30, 1954. Minimum discharge for current water year also occurred Nov. 1, 2, 4, 6, 7.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	22	16	39	e42	69	105	190	57	116	55	42	32
2	21	16	37	e40	65	98	153	54	76	40	38	32
3	20	17	36	e39	61	113	196	51	59	40	36	48
4	20	17	e32	e38	60	188	193	50	55	40	52	70
5	19	18	e31	e37	58	129	166	50	48	43	140	38
6	18	17	e31	e36	55	111	149	52	45	34	85	33
7	18	29	30	e36	54	102	130	48	44	32	57	30
8	18	30	29	e34	53	97	117	47	64	31	57	29
9	18	420	29	35	52	91	107	47	52	32	48	28
10	18	116	30	36	74	85	99	53	46	38	50	106
11	18	49	29	35	55	81	94	45	44	30	55	43
12	18	39	29	36	62	117	89	44	40	29	49	36
13	18	34	28	28	72	145	124	43	38	28	83	33
14	18	31	118	29	114	102	95	40	41	26	64	30
15	18	29	49	41	110	157	104	41	39	25	49	29
16	18	29	234	41	124	145	93	40	37	25	45	27
17	18	49	321	39	219	122	84	39	34	26	42	26
18	18	32	117	161	119	108	80	38	32	25	40	26
19	18	32	96	681	101	99	76	40	32	28	36	35
20	18	29	e73	253	92	103	72	49	31	37	34	87
21	18	e27	e68	149	87	110	69	40	34	31	32	37
22	21	e26	e65	121	114	114	67	46	39	26	31	32
23	18	27	e62	104	99	122	65	45	39	24	29	30
24	18	28	e59	93	86	127	65	38	31	24	30	208
25	18	238	e56	e86	292	128	66	116	30	88	29	77
26	19	91	e54	e78	165	121	60	61	46	53	48	55
27	18	61	53	74	131	111	57	48	39	34	31	47
28	18	51	51	69	116	105	56	52	62	31	29	42
29	18	46	46	67	---	303	54	61	37	163	27	39
30	17	42	e45	113	---	266	59	47	70	78	28	36
31	17	---	e43	75	---	241	---	44	---	49	28	---
TOTAL	572	1686	2020	2746	2759	4046	3029	1526	1400	1265	1444	1421
MEAN	18.5	56.2	65.2	88.6	98.5	131	101	49.2	46.7	40.8	46.6	47.4
MAX	22	420	321	681	292	303	196	116	116	163	140	208
MIN	17	16	28	28	52	81	54	38	30	24	27	26
CFSM	.67	2.04	2.36	3.21	3.57	4.73	3.66	1.78	1.69	1.48	1.69	1.72
IN.	.77	2.27	2.72	3.70	3.72	5.45	4.08	2.06	1.89	1.70	1.95	1.92

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1954 - 2001, BY WATER YEAR (WY)

	MEAN	71.5	88.5	109	128	154	165	143	107	82.4	58.3	58.2	55.2
MAX	229	301	234	272	355	312	291	289	213	207	187	260	
(WY)	1965	1980	1962	1998	1966	1975	1983	1976	1967	1967	1994	1979	
MIN	13.5	26.8	29.7	34.0	68.7	53.8	47.8	49.2	30.8	23.3	16.4	13.0	
(WY)	1955	1979	1966	1981	1968	1988	1986	2001	1988	1993	1998	1954	

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1954 - 2001
ANNUAL TOTAL	24887	23914	
ANNUAL MEAN	68.0	65.5	102
HIGHEST ANNUAL MEAN			143
LOWEST ANNUAL MEAN			59.6
HIGHEST DAILY MEAN	1010	Mar 20	4500
LOWEST DAILY MEAN	16	Nov 1	10
ANNUAL SEVEN-DAY MINIMUM	17	Oct 29	11
MAXIMUM PEAK FLOW			9740
MAXIMUM PEAK STAGE		4.66	Jan 19
INSTANTANEOUS LOW FLOW		16*	Oct 31
ANNUAL RUNOFF (CFSM)	2.46	2.37	9.50*
ANNUAL RUNOFF (INCHES)	33.54	32.23	9.4*
10 PERCENT EXCEEDS	128	121	3.69
50 PERCENT EXCEEDS	48	46	50.17
90 PERCENT EXCEEDS	19	22	186
			70
			26

e Estimated.

* See REMARKS.

03455500 WEST FORK PIGEON RIVER ABOVE LAKE LOGAN NEAR HAZELWOOD, NC--Continued

