

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

LOCATION.--Lat 35°23'46", long 82°56'16", 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 NGVD of 1929. 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 Sept. 21, 22.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	115	64	71	304	72	178	101	152	77	e78	e58	69
2	98	59	69	157	68	165	105	150	72	458	e41	39
3	87	56	67	177	66	148	92	117	93	e130	e56	36
4	79	58	80	138	141	136	87	106	99	95	e70	48
5	76	90	223	126	88	133	123	253	74	82	e88	43
6	67	125	113	117	81	446	97	e1,100	68	94	49	36
7	62	80	96	107	80	210	171	e850	489	90	49	34
8	58	71	88	104	71	179	148	400	186	74	55	36
9	55	66	83	97	70	164	211	306	129	74	e52	33
10	54	71	84	92	75	148	175	253	110	75	e64	32
11	59	290	148	e84	67	137	165	226	102	71	e66	30
12	52	193	96	e78	65	128	215	194	125	61	e52	30
13	48	136	149	e75	63	124	230	172	100	59	e54	30
14	46	113	125	e72	80	118	195	157	97	61	49	29
15	114	106	104	e70	148	114	165	153	95	66	59	55
16	237	297	97	e68	274	150	146	137	82	57	60	34
17	90	198	91	e67	217	119	142	134	82	59	e58	31
18	74	147	87	104	142	122	274	147	89	53	47	29
19	66	129	88	e78	123	186	168	127	91	52	e43	28
20	62	116	242	e67	117	390	149	114	75	49	e41	27
21	60	237	117	78	117	194	182	124	67	54	42	26
22	56	151	107	e65	779	161	154	228	63	70	44	383
23	53	128	97	e53	378	143	137	156	61	58	e43	163
24	50	117	374	93	243	130	126	140	59	48	e38	71
25	51	107	206	e73	205	122	122	126	56	45	e37	57
26	56	100	153	61	225	116	128	119	54	43	e36	51
27	49	95	137	58	248	109	112	106	52	42	35	57
28	93	86	123	53	204	104	105	97	56	41	33	67
29	91	81	114	106	---	99	101	95	e62	40	35	48
30	98	78	105	117	---	104	96	89	e62	e42	42	45
31	72	---	108	82	---	93	---	84	---	e44	34	---
TOTAL	2,328	3,645	3,842	3,021	4,507	4,870	4,422	6,612	2,927	2,365	1,530	1,697
MEAN	75.1	122	124	97.5	161	157	147	213	97.6	76.3	49.4	56.6
MAX	237	297	374	304	779	446	274	1,100	489	458	88	383
MIN	46	56	67	53	63	93	87	84	52	40	33	26
CFSM	2.72	4.40	4.49	3.53	5.83	5.69	5.34	7.73	3.54	2.76	1.79	2.05
IN.	3.14	4.91	5.18	4.07	6.07	6.56	5.96	8.91	3.95	3.19	2.06	2.29

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1954 - 2003, BY WATER YEAR (WY)

MEAN	71.5	88.3	109	127	152	164	142	109	82.0	58.2	57.4	56.7
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)

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SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1954 - 2003	
ANNUAL TOTAL	30,495		41,766		102	
ANNUAL MEAN	83.5		114		59.6	
HIGHEST ANNUAL MEAN					143	1979
LOWEST ANNUAL MEAN					59.6	1986
HIGHEST DAILY MEAN	1,310	Sep 27	1,100	May 6	4,500	Feb 13, 1966
LOWEST DAILY MEAN	16	Sep 10	26	Sep 21	10	Sep 28, 1954
ANNUAL SEVEN-DAY MINIMUM	17	Sep 7	31	Sep 8	11	Sep 11, 1998
MAXIMUM PEAK FLOW			2,390	May 6	9,740	Feb 13, 1966
MAXIMUM PEAK STAGE			5.31	May 6	9.50*	Feb 13, 1966
INSTANTANEOUS LOW FLOW			26*	Sep 20	9.4*	Sep 29, 1954
ANNUAL RUNOFF (CFSM)	3.03		4.15		3.68	
ANNUAL RUNOFF (INCHES)	41.10		56.29		49.99	
10 PERCENT EXCEEDS	146		200		186	
50 PERCENT EXCEEDS	66		91		70	
90 PERCENT EXCEEDS	25		44		26	

e Estimated.
 * See REMARKS.

