

## TENNESSEE RIVER BASIN

03451690 NEWFOUND CREEK NEAR ALEXANDER, NC

LOCATION.--Lat 35°39'58", long 82°38'04", Buncombe County, Hydrologic Unit 06010105, on left bank 21 ft downstream from bridge on Secondary Road 1641, 0.9 mi above mouth, and 2.6 mi southwest of Alexander.

DRAINAGE AREA.--34.2 mi<sup>2</sup>.

PERIOD OF RECORD.--December 2000 to September 2001.

GAGE.--Water-stage recorder. Elevation of gage is 1,910 ft above sea level, from topographic map. Satellite telemetry at station.

REMARKS.--Records fair except those for estimated daily discharges and those above 200 ft<sup>3</sup>/s, which are poor. Maximum discharge for period of record from rating curve extended above 200 ft<sup>3</sup>/s by logarithmic plotting.

DISCHARGE, CUBIC FEET PER SECOND, FOR PERIOD DECEMBER 2000 TO SEPTEMBER 2001  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	e9.0	e7.8	9.7	13	30	10	9.0	9.9	8.4	8.6
2	---	---	e8.8	e7.5	9.4	13	24	10	9.6	7.0	5.5	8.7
3	---	---	e8.6	e7.5	9.2	13	25	9.6	7.3	8.1	7.2	16
4	---	---	e8.3	e7.5	9.2	16	22	9.3	7.1	13	12	17
5	---	---	e8.0	e7.2	9.1	13	20	9.1	6.6	16	7.5	9.7
6	---	---	e7.8	e7.2	8.7	12	19	9.8	6.3	7.5	5.8	7.9
7	---	---	e7.9	e7.8	8.6	12	17	8.6	6.7	6.4	5.1	7.1
8	---	---	e7.8	e14	8.5	11	16	8.6	11	6.5	5.2	6.4
9	---	---	e7.8	e11	8.4	11	15	8.7	8.0	7.0	5.9	6.1
10	---	---	8.0	e9.5	10	11	15	8.5	8.0	6.2	7.0	25
11	---	---	7.5	e10	8.6	11	14	8.3	7.2	5.3	14	9.5
12	---	---	7.3	14	10	11	14	8.9	6.4	5.0	24	7.6
13	---	---	7.1	12	11	12	38	8.1	6.1	5.0	24	6.9
14	---	---	9.8	11	14	10	23	7.5	5.6	4.4	12	6.5
15	---	---	8.3	11	14	25	24	7.3	7.4	4.2	8.1	6.1
16	---	---	13	10	15	18	20	7.1	16	4.0	6.7	6.0
17	---	---	48	7.1	33	15	18	7.0	6.4	4.1	5.9	6.0
18	---	---	e17	13	18	14	17	7.0	5.7	4.3	6.0	5.9
19	---	---	e14	74	16	13	16	8.6	5.5	6.2	5.3	5.8
20	---	---	e12	60	14	20	15	11	5.3	7.3	5.0	8.0
21	---	---	e12	28	14	53	14	7.8	5.1	5.2	4.8	6.5
22	---	---	e11	17	20	39	13	7.8	8.3	4.6	4.6	5.9
23	---	---	e10	14	16	29	13	8.0	11	4.2	4.5	5.7
24	---	---	e9.9	13	14	24	12	7.3	6.0	4.2	25	27
25	---	---	e9.5	12	23	20	12	13	5.6	4.5	7.7	11
26	---	---	e9.5	13	20	18	11	8.7	6.5	5.1	6.4	8.4
27	---	---	e9.2	11	16	16	11	7.5	7.4	4.5	10	7.6
28	---	---	e9.2	11	15	15	11	7.6	19	4.7	6.8	7.0
29	---	---	e8.5	10	---	38	9.8	7.9	7.6	17	5.9	6.5
30	---	---	e8.2	12	---	46	10	6.8	8.3	13	5.8	6.5
31	---	---	e7.8	10	---	31	---	6.8	---	9.3	7.7	---
TOTAL	---	---	330.8	460.1	382.4	603	518.8	262.2	236.0	213.7	269.8	272.9
MEAN	---	---	10.7	14.8	13.7	19.5	17.3	8.46	7.87	6.89	8.70	9.10
MAX	---	---	48	74	33	53	38	13	19	17	25	27
MIN	---	---	7.1	7.1	8.4	10	9.8	6.8	5.1	4.0	4.5	5.7
CFSM	---	---	.31	.43	.40	.57	.51	.25	.23	.20	.25	.27
IN.	---	---	.36	.50	.42	.66	.56	.29	.26	.23	.29	.30

## SUMMARY STATISTICS

FOR PERIOD DECEMBER 2000 TO SEPTEMBER 2001

INSTANTANEOUS PEAK FLOW  
INSTANTANEOUS PEAK STAGE  
INSTANTANEOUS LOW FLOW

161\* Jan 19  
4.50 Jan 19  
3.2 Jul 24

e Estimated.  
\* See REMARKS.

03451690 NEWFOUND CREEK NEAR ALEXANDER, NC--Continued

