

02124742 ROCKY RIVER NEAR STANFIELD, NC

LOCATION.--Lat 35°10'10", long 80°28'23", Union County, Hydrologic Unit 03040105, on right bank at bridge on Secondary Road 1606, 1.3 mi upstream from Crooked Creek, and 5.0 mi southwest of Stanfield

DRAINAGE AREA.--628 mi².

PERIOD OF RECORD.--April 2000 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 419.46 ft above NAVD of 1988, from levels. Satellite telemetry at station.

REMARKS.--Records fair except those for estimated daily discharges, which are poor. WSACC Rocky River waste water treatment plant discharged an average of 20.5 ft³/s as treated effluent 16.5 mi upstream from station. Minimum discharge for period of record and current water year affected by regulation. Site is affected by variable backwater conditions at high flow; therefore, a peak flow was not determined for current water year and period of record. Missing discharge values on the daily values table are days when the flow exceeded the rating. Minimum discharge for current water year also occurred Sept. 26.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	773	163	338	219	353	---	1,400	330	120	291	---	120
2	526	155	322	215	277	1,230	958	388	---	---	386	102
3	474	151	281	212	630	762	847	262	---	434	237	91
4	579	446	254	212	---	588	621	229	526	---	181	83
5	420	1,260	231	210	686	496	497	213	338	---	151	78
6	322	478	223	212	470	446	438	216	260	592	131	77
7	305	300	393	211	382	377	401	229	279	522	117	77
8	270	249	374	204	339	---	450	211	---	---	109	78
9	252	217	303	202	318	---	553	200	691	480	161	79
10	196	200	---	196	307	783	478	196	1,020	289	404	75
11	185	194	---	195	309	571	373	228	783	219	280	74
12	205	200	---	193	269	495	355	250	385	218	192	69
13	---	559	748	190	243	385	---	260	280	222	156	67
14	685	396	565	---	260	373	---	236	235	174	293	69
15	277	259	446	---	475	443	---	192	209	159	227	70
16	219	228	451	689	355	---	938	196	180	148	138	71
17	187	218	323	489	445	---	669	176	154	133	122	81
18	172	209	327	391	350	---	552	156	141	128	167	120
19	169	205	287	317	280	892	478	142	129	330	382	85
20	170	201	276	298	248	678	423	178	144	165	228	74
21	175	196	348	295	344	564	376	253	146	169	147	72
22	157	192	244	278	712	482	334	183	131	115	116	78
23	147	213	292	269	487	---	349	142	122	187	97	68
24	151	290	678	e250	---	---	355	135	114	154	438	66
25	163	818	399	234	---	829	307	130	105	105	343	64
26	155	530	304	234	689	622	276	121	99	94	177	64
27	148	318	271	233	508	531	269	109	195	85	128	68
28	173	837	248	215	---	---	271	105	334	83	118	68
29	267	691	237	197	---	---	261	99	540	664	111	68
30	209	406	233	283	---	---	262	101	237	780	109	66
31	176	---	227	504	---	1,200	---	109	---	---	119	---

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 2000 - 2005	
LOWEST DAILY MEAN	74	Aug 11	64	Sep 25	35	Sep 18, 2000
ANNUAL SEVEN-DAY MINIMUM	93	Aug 6	66	Sep 24	40	Aug 7, 2002
MAXIMUM PEAK STAGE					14.50	Apr 11, 2003
INSTANTANEOUS LOW FLOW			53*	Sep 25	29*	Aug 12, 2002

* See REMARKS.
e Estimated.

