

Water-Data Report 2013

0212433550 ROCKY RIVER ABOVE IRISH BUFFALO CREEK NEAR ROCKY RIVER, NC

Upper Pee Dee Basin
Rocky Subbasin

LOCATION.--Lat 35°19'18", long 80°32'27" referenced to North American Datum of 1983, Cabarrus County, NC, Hydrologic Unit 03040105, On left bank at end of maintenance road located within Rocky River Waste Water Treatment Facility, 0.40 miles above confluence with Irish Buffalo Creek and Cold Water Creek, 2.1 miles northeast of Flowes Store, NC. Concord SE, NC quadrangle.

DRAINAGE AREA.--278 mi².

SURFACE-WATER RECORDS

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

PRECIPITATION: April 2004 to current year. Published as station number 351943080323145.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 494.26 ft above North American Vertical Datum of 1988. Satellite telemetry at streamgage.

REMARKS.--No estimated daily discharges. Records fair. 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 all years affected by regulation. Minimum discharge for current water year also occurred October 30, November 24, 25. Minimum discharge for period of record also occurred August 14, 2002.

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	70	35	38	70	236	243	206	429	66	---	480	61
2	97	35	37	142	132	185	148	294	63	---	235	119
3	105	36	35	135	108	155	121	229	---	442	155	90
4	56	36	37	84	97	134	---	181	---	339	123	65
5	44	36	36	71	87	122	---	158	259	314	100	57
6	39	34	37	65	82	236	468	---	---	249	117	54
7	66	34	37	62	80	170	280	---	---	211	159	50
8	139	36	37	59	343	127	218	421	---	---	113	49
9	65	35	38	58	212	110	184	262	545	361	228	48
10	50	37	44	58	127	104	160	192	---	321	139	47
11	43	37	45	57	139	99	145	155	---	---	123	47
12	40	36	43	56	162	---	238	145	355	---	143	49
13	39	39	39	56	122	514	296	129	221	257	110	46
14	37	42	38	61	116	233	170	110	---	321	82	41
15	39	50	38	89	98	166	142	96	225	314	77	41
16	50	77	38	83	92	142	139	90	144	166	69	41
17	48	48	81	---	102	130	125	85	134	126	---	40
18	40	40	83	---	90	119	117	80	234	171	---	40
19	38	37	51	---	97	496	109	88	167	149	---	41
20	38	38	43	254	139	238	156	670	123	114	397	40
21	36	39	141	168	98	156	117	---	101	152	---	43
22	36	39	87	132	120	133	96	---	90	---	---	---
23	34	36	53	111	---	118	91	413	84	175	204	187
24	34	33	46	99	---	---	90	---	84	117	158	90
25	34	34	71	90	236	---	87	217	91	---	112	72
26	40	35	---	91	---	282	85	124	79	334	92	72
27	34	35	---	89	---	187	77	101	119	---	83	63
28	34	38	146	82	436	152	---	91	---	---	77	57
29	34	37	127	79	---	133	---	80	---	400	72	53
30	32	36	120	80	---	129	---	74	---	217	67	53
31	33	---	78	597	---	193	---	70	---	171	63	---

SUMMARY STATISTICS

	Calendar Year 2012		Water Year 2013		Water Years 2000 - 2013	
Lowest daily mean	29	Aug 2	32	Oct 30	13	Aug 13, 2002
Annual seven-day minimum	34	Oct 27	34	Oct 27	14	Aug 9, 2002
Maximum peak flow			^a Not determined		^a Not determined	
Maximum peak stage			22.46	Jun 29	29.91	Aug 27, 2008
Instantaneous low flow			^a 28	Oct 28	^a 11	Aug 13, 2002

^a See Remarks.

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