

PEE DEE RIVER BASIN

02118500 HUNTING CREEK NEAR HARMONY, NC

LOCATION.--Lat 36°00'02", long 80°44'44", North American Datum of 1983, Iredell County, Hydrologic Unit 03040102, on right bank 52 ft downstream of bridge on Secondary Road 2115, 0.8 mi downstream of Kennedy Creek, 1 mi east of Houstonville, 2 mi downstream of U.S. Highway 21, and 3.5 mi northeast of Harmony.

DRAINAGE AREA.--155 mi<sup>2</sup>.

PERIOD OF RECORD.--October 1950 to current year. Monthly discharge only for some periods, published in WSP 1723.

REVISED RECORDS.--WDR NC-80-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 734.78 ft above NGVD of 1929. Prior to Apr. 5, 1951, nonrecording gage on upstream side of bridge at same datum. Satellite telemetry at station.

REMARKS.--Records fair except those for estimated daily discharges, which are poor. Maximum gage height for period of record, from high-water mark in gage house. Minimum discharge for period of record and current water year also occurred Sept. 14, 2002.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	37	41	51	e60	100	77	119	60	55	29	e20	26
2	35	41	48	e62	95	88	109	73	47	27	e17	27
3	33	42	45	e64	91	171	104	76	42	24	e14	24
4	32	41	43	e66	90	127	100	70	39	23	e13	20
5	31	40	43	e79	86	107	97	73	37	22	e12	29
6	29	39	43	e91	87	100	94	66	38	20	e10	22
7	30	39	43	e98	131	95	92	61	39	18	e8.6	16
8	29	40	43	e80	177	92	91	74	39	16	e7.7	13
9	30	40	43	e73	142	90	92	72	35	14	e7.4	12
10	31	40	50	67	126	90	99	72	33	13	e7.0	11
11	33	40	210	65	127	84	92	75	31	15	e6.8	9.3
12	33	40	111	62	114	88	88	67	28	14	e6.9	7.0
13	34	40	80	61	107	113	91	76	27	15	e6.6	5.4
14	38	40	77	59	102	121	91	116	32	17	e6.4	8.1
15	83	41	68	58	99	106	86	70	33	31	e9.9	25
16	50	41	61	58	97	100	83	61	30	49	e27	47
17	38	41	64	57	95	122	80	57	27	28	e20	36
18	37	41	237	57	93	255	80	56	25	20	e21	27
19	38	41	131	81	91	178	82	58	24	16	e25	24
20	38	41	95	213	90	148	76	53	23	14	19	26
21	39	40	80	135	93	146	73	52	21	12	16	22
22	38	40	72	109	89	142	71	52	19	12	15	22
23	38	41	69	181	85	125	68	51	18	11	14	27
24	38	60	96	285	83	119	66	49	19	28	9.8	27
25	38	69	89	306	82	112	68	46	18	39	7.9	22
26	35	53	77	211	81	109	67	44	18	184	12	51
27	35	48	e71	157	79	160	65	42	54	82	14	128
28	37	46	e68	133	77	130	65	44	46	44	e26	122
29	38	45	66	120	---	119	67	45	55	34	e23	61
30	40	45	63	111	---	115	62	50	38	29	e22	46
31	40	---	61	105	---	118	---	74	---	24	23	---
TOTAL	1155	1296	2398	3364	2809	3747	2518	1935	990	924	448.0	942.8
MEAN	37.26	43.20	77.35	108.5	100.3	120.9	83.93	62.42	33.00	29.81	14.45	31.43
MAX	83	69	237	306	177	255	119	116	55	184	27	128
MIN	29	39	43	57	77	77	62	42	18	11	6.4	5.4
CFSM	0.24	0.28	0.50	0.70	0.65	0.78	0.54	0.40	0.21	0.19	0.09	0.20
IN.	0.28	0.31	0.58	0.81	0.67	0.90	0.60	0.46	0.24	0.22	0.11	0.23

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1951 - 2002, BY WATER YEAR (WY)

	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962
MEAN	149.1	151.4	190.4	229.2	265.2	315.0	291.7	219.9	185.2	138.0	134.8	136.4
MAX	654	508	373	585	752	959	713	527	636	355	383	615
(WY)	1965	1978	1974	1978	1960	1975	1987	1990	1972	1987	1970	1979
MIN	37.3	43.2	53.1	56.4	76.7	121	83.9	62.4	33.0	29.8	14.5	31.4
(WY)	2002	2002	1956	1956	2001	2002	2002	2002	2002	2002	2002	2002

SUMMARY STATISTICS FOR 2001 CALENDAR YEAR FOR 2002 WATER YEAR WATER YEARS 1951 - 2002

ANNUAL TOTAL	28809	22526.8	
ANNUAL MEAN	78.93	61.72	200.3
HIGHEST ANNUAL MEAN			346
LOWEST ANNUAL MEAN			61.7
HIGHEST DAILY MEAN	1170	Mar 30	10400
LOWEST DAILY MEAN	29	Oct 6	5.4
ANNUAL SEVEN-DAY MINIMUM	30	Oct 4	7.0
MAXIMUM PEAK FLOW			395
MAXIMUM PEAK STAGE			2.33
INSTANTANEOUS LOW FLOW			5.0*
ANNUAL RUNOFF (CFSM)	0.51		0.40
ANNUAL RUNOFF (INCHES)	6.91		5.41
10 PERCENT EXCEEDS	126		117
50 PERCENT EXCEEDS	64		49
90 PERCENT EXCEEDS	38		16

e Estimated.  
\* See REMARKS.

02118500 HUNTING CREEK NEAR HARMONY, NC--Continued

