

Water-Data Report 2010

02118500 HUNTING CREEK NEAR HARMONY, NC

Upper Pee Dee Basin
South Yadkin Subbasin

LOCATION.--Lat 36°00'02", long 80°44'44" referenced to North American Datum of 1983, Iredell County, NC, 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 mi².

SURFACE-WATER RECORDS

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

PRECIPITATION: October 2003 to current year, station number 360000080444645.

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

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

REMARKS.--No estimated daily discharges. Records good. Maximum gage height for period of record, from high-water mark in gage house. Minimum discharge for period of record also occurred September 14, 2002.

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	83	804	150	218	276	258	301	180	183	107	136	77
2	83	332	345	203	379	260	279	180	213	101	126	74
3	84	198	872	187	708	270	265	192	201	100	122	72
4	81	159	350	192	525	257	254	201	172	100	111	67
5	84	143	288	189	1,630	244	245	174	167	97	106	65
6	90	132	269	172	2,970	239	241	168	155	93	119	66
7	89	127	226	164	863	236	234	164	146	89	103	65
8	81	123	211	163	605	237	266	160	138	86	91	66
9	79	120	1,280	158	479	235	482	151	138	97	88	74
10	83	128	537	174	443	235	291	151	146	110	84	68
11	83	2,630	325	177	379	239	260	156	136	97	83	67
12	82	1,260	262	156	354	276	247	168	147	109	85	86
13	92	492	382	147	340	556	237	165	162	185	80	76
14	95	310	399	147	317	409	227	156	138	233	76	67
15	117	242	296	145	316	326	224	362	171	129	283	63
16	104	208	252	144	313	289	219	220	159	106	228	60
17	97	187	228	758	292	269	211	1,500	168	192	132	58
18	91	180	225	442	285	258	204	648	136	201	153	59
19	87	217	263	288	280	248	200	370	128	145	270	58
20	87	192	228	241	278	240	200	279	124	129	216	58
21	88	175	223	238	281	236	236	230	117	127	140	56
22	87	167	221	322	304	467	221	226	114	106	124	57
23	87	203	218	254	331	370	202	212	113	111	109	57
24	89	201	222	577	324	304	200	187	121	101	99	55
25	88	183	1,850	7,150	307	280	247	183	145	96	158	52
26	86	175	1,190	861	284	312	224	181	126	94	118	79
27	93	175	502	500	276	270	199	168	116	99	97	268
28	194	163	345	389	266	277	196	173	122	211	91	361
29	138	156	273	335	---	667	186	293	111	324	88	146
30	113	154	237	352	---	420	184	192	107	138	84	154
31	112	---	228	304	---	338	---	177	---	114	80	---
Total	2,947	9,936	12,897	15,747	14,405	9,522	7,182	7,967	4,320	4,027	3,880	2,631
Mean	95.1	331	416	508	514	307	239	257	144	130	125	87.7
Max	194	2,630	1,850	7,150	2,970	667	482	1,500	213	324	283	361
Min	79	120	150	144	266	235	184	151	107	86	76	52
Cfsm	0.61	2.14	2.68	3.28	3.32	1.98	1.54	1.66	0.93	0.84	0.81	0.57
In.	0.71	2.38	3.10	3.78	3.46	2.29	1.72	1.91	1.04	0.97	0.93	0.63

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1951 - 2010, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	145	154	193	229	259	308	285	216	184	140	132	138
Max	654	508	416	585	752	959	713	527	636	355	383	615
(WY)	(1965)	(1978)	(2010)	(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)

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SUMMARY STATISTICS

	Calendar Year 2009		Water Year 2010		Water Years 1951 - 2010	
Annual total	74,185		95,461			
Annual mean	203		262		198	
Highest annual mean					346	1960
Lowest annual mean					61.7	2002
Highest daily mean	2,630	Nov 11	7,150	Jan 25	10,400	Sep 22, 1979
Lowest daily mean	66	Jan 1	52	Sep 25	5.4	Sep 13, 2002
Annual seven-day minimum	74	Feb 11	56	Sep 19	7.0	Aug 8, 2002
Maximum peak flow			10,900	Jan 25	14,800	Sep 22, 1979
Maximum peak stage			20.45	Jan 25	^a 25.05	Sep 22, 1979
Instantaneous low flow			51	Sep 25	^a 5.0	Sep 13, 2002
Annual runoff (cfsm)	1.31		1.69		1.28	
Annual runoff (inches)	17.80		22.91		17.39	
10 percent exceeds	320		379		326	
50 percent exceeds	121		183		138	
90 percent exceeds	81		83		66	

^a See Remarks.

