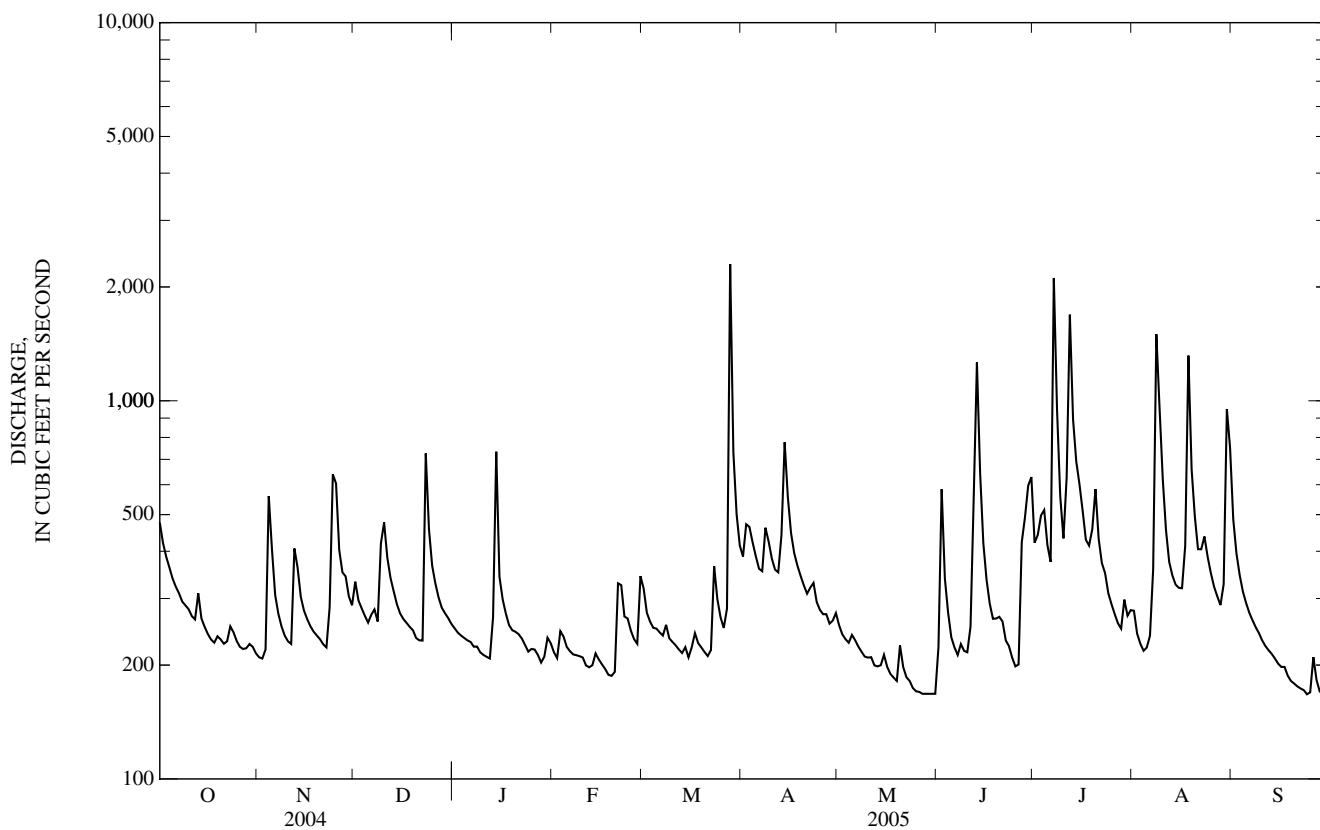


02137727 CATAWBA RIVER NEAR PLEASANT GARDENS, NC—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1981 - 2005	
ANNUAL TOTAL	112,659		119,585		242	
ANNUAL MEAN	308		328		103	
HIGHEST ANNUAL MEAN					351	1984
LOWEST ANNUAL MEAN					103	2002
HIGHEST DAILY MEAN	15,100	Sep 8	2,300	Mar 28	15,100	Sep 8, 2004
LOWEST DAILY MEAN	97	Jun 3	162	Sep 30	14	Sep 12, 2002
ANNUAL SEVEN-DAY MINIMUM	103	Jun 6	169	May 25	17	Aug 9, 2002
MAXIMUM PEAK FLOW			5,640	Jul 7	23,000*	Sep 8, 2004
MAXIMUM PEAK STAGE			9.36	Jul 7	17.55	Sep 8, 2004
INSTANTANEOUS LOW FLOW			158	Sep 30	11	Sep 12, 2002
ANNUAL RUNOFF (CFSM)	2.44		2.60		1.92	
ANNUAL RUNOFF (INCHES)	33.26		35.31		26.11	
10 PERCENT EXCEEDS	406		493		421	
50 PERCENT EXCEEDS	187		261		176	
90 PERCENT EXCEEDS	115		199		74	

* See REMARKS.
e Estimated.



PRECIPITATION RECORDS

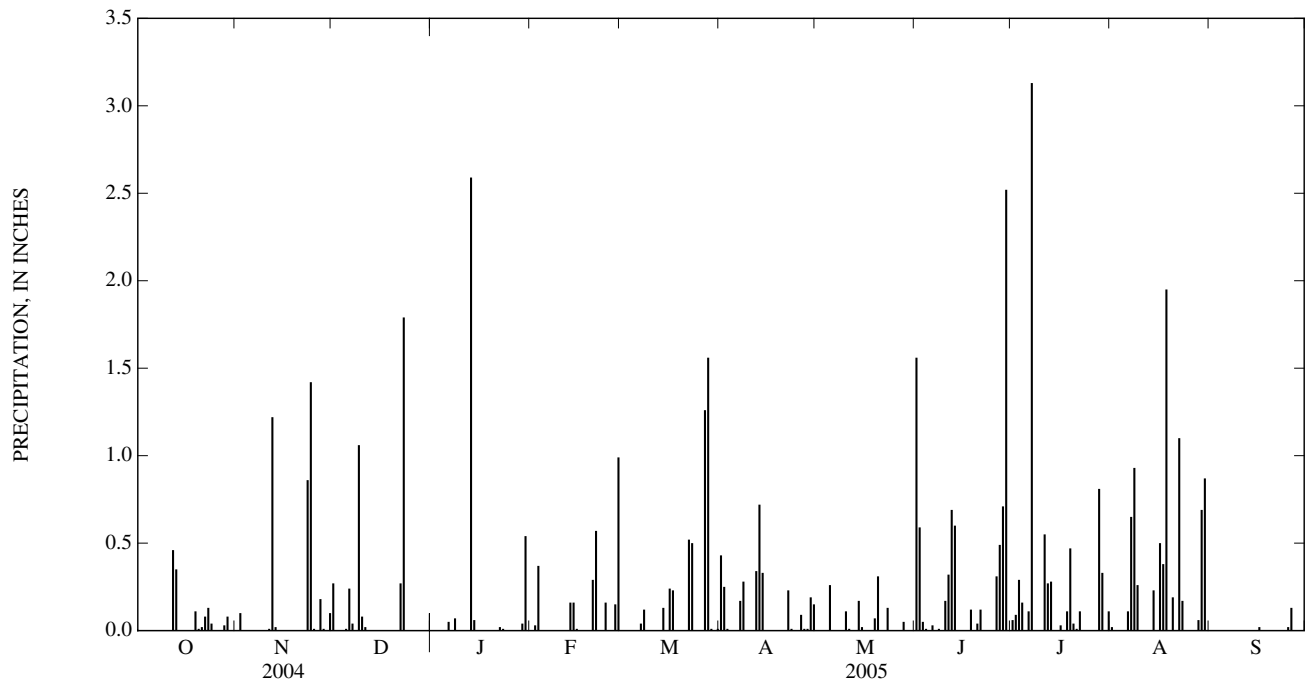
PERIOD OF RECORD.--November 2000 to current year.

GAGE.--Tipping-bucket raingage and electronic datalogger. Satellite and telephone telemetry at station.

REMARKS.--Gage is operated in cooperation with Duke Energy and the North Carolina Department of Environment and Natural Resources. Precipitation data collected during freezing periods may not be accurately reflected in daily record; consequently, winter record is poor.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.27	0.00	0.00	0.00	0.43	0.00	1.56	0.06	0.02	0.00
2	0.00	0.10	0.00	0.00	0.03	0.00	0.25	0.00	0.59	0.09	0.00	0.00
3	0.00	---	0.00	0.00	0.37	0.00	0.01	0.00	0.05	0.29	0.00	0.00
4	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.16	0.00	0.00
5	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.26	0.00	0.00	0.00	0.00
6	0.00	0.00	0.24	0.05	0.00	0.00	0.00	0.00	0.03	0.11	0.11	0.00
7	0.00	0.00	0.04	0.00	0.00	0.04	0.17	0.00	0.00	3.13	0.65	0.00
8	0.00	0.00	0.00	0.07	0.00	0.12	0.28	0.00	0.01	0.00	0.93	0.00
9	0.00	0.00	1.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.26	0.00
10	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.11	0.17	0.00	0.00	0.00
11	0.00	0.01	0.02	0.00	0.00	0.00	0.00	0.01	0.32	0.55	0.00	0.00
12	0.46	1.22	0.00	0.00	0.00	0.00	0.34	0.00	0.69	0.27	0.00	0.00
13	0.35	0.02	0.00	2.59	0.16	0.00	0.72	0.00	0.60	0.28	0.00	0.00
14	0.00	0.00	0.00	0.06	0.16	0.13	0.33	0.17	0.00	0.00	0.23	0.00
15	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.02	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.24	0.00	0.00	0.00	0.03	0.50	0.02
17	0.00	0.00	0.00	0.00	0.00	0.23	0.00	0.00	0.00	0.00	0.38	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.11	1.95	0.00
19	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.47	0.00	0.00
20	0.01	0.00	0.00	0.00	0.29	0.00	0.00	0.31	0.04	0.04	0.19	0.00
21	0.02	0.00	0.00	0.00	0.57	0.00	0.00	0.00	0.12	0.01	0.00	0.00
22	0.08	0.00	0.27	0.02	0.00	0.52	0.23	0.00	0.00	0.11	1.10	0.00
23	0.13	0.86	1.79	0.01	0.00	0.50	0.01	0.13	0.00	0.00	0.17	0.00
24	0.04	1.42	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
26	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.31	0.00	0.00	0.13
27	0.00	0.18	0.00	0.00	0.15	1.26	0.01	0.00	0.49	0.00	0.00	0.00
28	0.03	0.01	0.00	0.00	0.99	1.56	0.01	0.05	0.71	0.81	0.06	0.00
29	0.08	0.00	0.00	0.04	---	0.01	0.19	0.00	2.52	0.33	0.69	0.00
30	0.00	0.10	0.00	0.54	---	0.00	0.15	0.00	0.00	0.00	0.87	0.00
31	0.00	---	0.00	0.00	---	0.01	---	0.00	---	0.11	0.00	---
TOTAL	1.31	---	3.78	3.38	2.89	4.62	3.22	1.13	8.34	6.96	8.11	0.17



02138500 LINVILLE RIVER NEAR NEBO, NC

LOCATION.--Lat 35°47'41", long 81°53'24", Burke County, Hydrologic Unit 03050101, in Pisgah National Forest on right bank 370 ft upstream from bridge on State Highway 126, 0.2 mi downstream of Shooks Creek, 0.5 mi upstream from Lake James, 2.0 mi northeast of Longtown, and 6.0 mi northeast of Nebo.

DRAINAGE AREA.--66.7 mi².

PERIOD OF RECORD.--May 1907 to August 1908 (fragmentary). June 1922 to current year. Prior to 1908 published as "Linville River at Fonta Flora" and as "Linville River at Branch" 1923-70. Records for October to December 1908 "Linville River at Fonta Flora" published in WSP 242 have been found to be unreliable and should not be used.

REVISED RECORDS.--WSP 892: 1929, 1935, 1937. WSP 1503: 1923(M), 1924-28, 1930, 1932-33(M), 1938(M), 1939(P). WDR NC-80-1: Drainage area. See also PERIOD OF RECORD.

GAGE.--Water-stage recorder. Datum of gage is 1,203.87 ft above NGVD of 1929. May 1907 to August 1908, nonrecording gage about 1.2 mi downstream at different datum. June 1922 to Aug. 27, 1937, nonrecording gage and Aug. 28, 1937, to Sept. 30, 1970, water-stage recorder at site on right bank 20 ft downstream of bridge on State Highway 126 at 1,204.87 ft. Oct. 1, 1970, to Sept. 30, 1973, at present site at 1,204.87 ft. Oct. 1, 1973, to Aug. 25, 1981, at present site at 1,204.87 ft. Satellite telemetry at station.

REMARKS.--Records fair except those for estimated daily discharges, which are poor. Maximum discharge for period of record, from rating curve extended above 12,000 ft³/s on basis of slope area measurement. Maximum gage-height for period of record from high-water mark at gage. Minimum discharge for period of record, result of freezeup.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of July 1916 reached a stage of about 11 ft at former site and datum; discharge, 34,600 ft³/s.

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	320	129	212	183	111	150	272	189	108	e147	163	207
2	301	129	205	175	108	133	463	172	176	134	129	165
3	267	127	188	163	113	123	423	165	131	142	115	147
4	235	191	178	150	127	121	341	157	144	232	109	132
5	206	245	173	146	117	126	302	154	179	171	112	123
6	208	186	171	145	117	150	274	153	165	132	168	114
7	204	167	178	140	119	145	236	145	174	583	135	108
8	179	155	168	139	119	181	350	139	259	698	233	101
9	166	156	186	136	127	188	385	133	231	322	281	94
10	160	149	261	130	131	155	315	136	275	316	360	91
11	157	138	223	127	127	139	277	156	231	180	270	88
12	148	229	202	124	118	134	248	140	188	400	203	83
13	229	306	193	155	116	128	279	131	566	318	176	80
14	192	230	181	1,540	130	133	518	146	338	266	170	76
15	171	201	170	428	145	147	390	197	358	234	142	73
16	179	185	162	300	141	147	318	179	324	251	131	71
17	161	189	159	241	130	145	279	148	285	249	131	82
18	146	172	154	200	112	129	252	135	241	210	1,150	75
19	151	159	150	184	106	130	230	138	190	276	516	69
20	176	157	e146	174	107	126	213	151	164	716	295	66
21	155	150	e142	165	140	121	199	141	165	402	223	67
22	156	145	e137	e158	160	127	205	130	147	300	193	64
23	151	155	658	e153	141	232	234	136	150	243	178	62
24	137	304	491	149	136	247	201	142	146	202	163	61
25	131	496	312	e140	137	201	188	127	141	178	148	58
26	124	300	273	136	122	180	181	114	133	160	140	68
27	129	251	255	130	116	174	180	109	162	152	133	77
28	140	237	232	114	151	766	169	107	193	138	129	68
29	128	210	220	111	---	571	186	105	175	160	117	64
30	147	195	206	125	---	378	229	99	e160	140	177	63
31	136	---	194	120	---	307	---	98	---	180	448	---
TOTAL	5,490	6,043	6,780	6,481	3,524	6,134	8,337	4,372	6,299	8,232	7,038	2,697
MEAN	177	201	219	209	126	198	278	141	210	266	227	89.9
MAX	320	496	658	1,540	160	766	518	197	566	716	1,150	207
MIN	124	127	137	111	106	121	169	98	108	132	109	58
CFSM	2.66	3.02	3.28	3.13	1.89	2.97	4.17	2.11	3.15	3.98	3.40	1.35
IN.	3.06	3.37	3.78	3.61	1.97	3.42	4.65	2.44	3.51	4.59	3.93	1.50

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1922 - 2005, BY WATER YEAR (WY)

	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
MEAN	122	139	139	174	190	230	202	147	130	100	119	128																																																																								
MAX	433	678	349	664	569	632	479	369	598	449	1,084	1,570																																																																								
(WY)	(1937)	(1978)	(1984)	(1995)	(1998)	(1979)	(1983)	(1976)	(1972)	(1989)	(1940)	(2004)																																																																								
MIN	18.9	27.8	30.9	31.8	60.8	74.3	62.0	48.9	33.7	23.0	15.5	13.8																																																																								
(WY)	(1955)	(1932)	(1940)	(1940)	(1941)	(1988)	(1986)	(1941)	(1941)	(1930)	(1925)	(1925)																																																																								

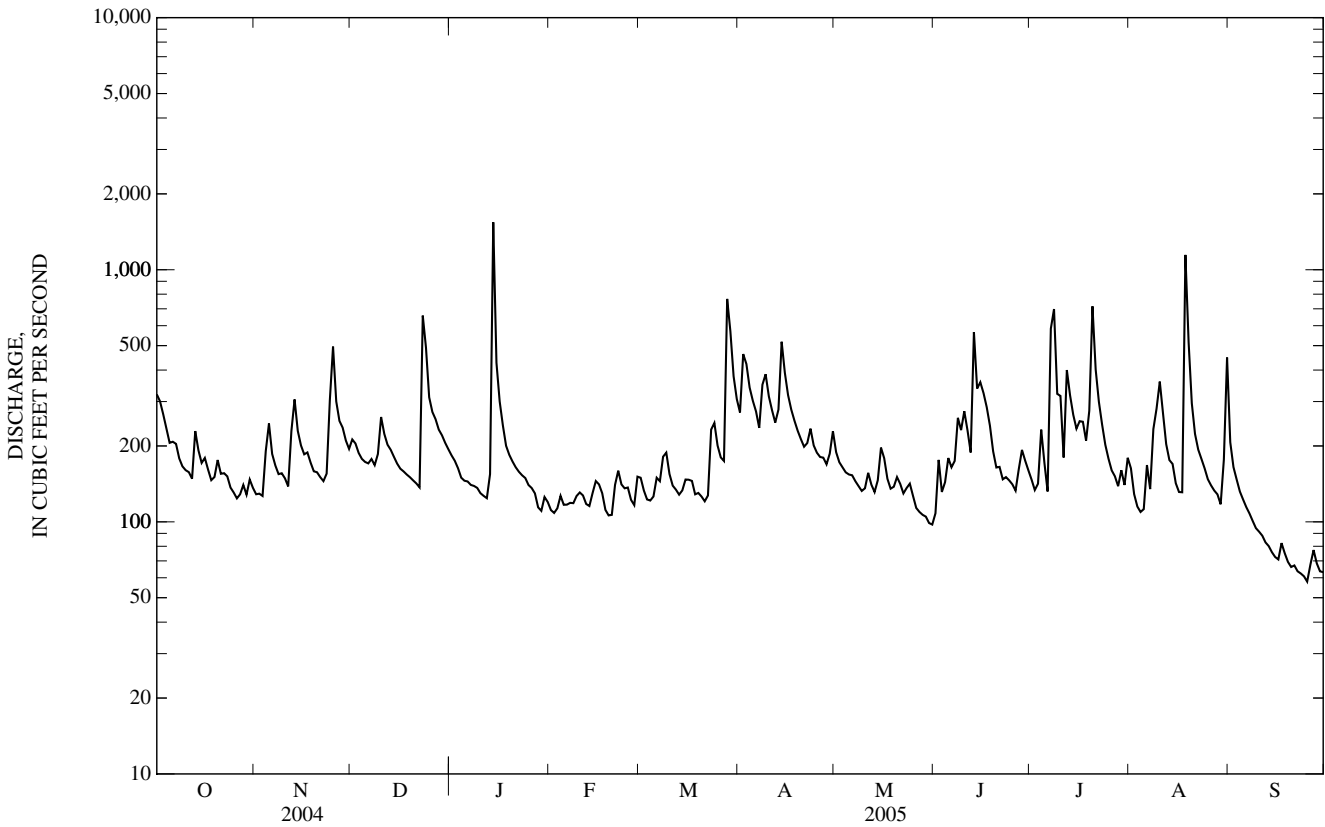
SANTEE RIVER BASIN

02138500 LINVILLE RIVER NEAR NEBO, NC—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1922 - 2005	
ANNUAL TOTAL	94,942		71,427		152	
ANNUAL MEAN	259		196		77.6	
HIGHEST ANNUAL MEAN					259	2004
LOWEST ANNUAL MEAN					77.6	1988
HIGHEST DAILY MEAN	16,600	Sep 8	1,540	Jan 14	16,600	Sep 8, 2004
LOWEST DAILY MEAN	34	Aug 21	58	Sep 25	8.0	Sep 7, 1925
ANNUAL SEVEN-DAY MINIMUM	40	Aug 17	64	Sep 20	10	Aug 22, 1925
MAXIMUM PEAK FLOW			3,060	Jan 14	42,400*	Sep 8, 2004
MAXIMUM PEAK STAGE			4.78	Jan 14	13.68*	Sep 8, 2004
INSTANTANEOUS LOW FLOW			54	Sep 24	2.0*	Jan 9, 1956
ANNUAL RUNOFF (CFSM)	3.89		2.93		2.27	
ANNUAL RUNOFF (INCHES)	52.95		39.84		30.87	
10 PERCENT EXCEEDS	272		306		267	
50 PERCENT EXCEEDS	136		160		100	
90 PERCENT EXCEEDS	69		112		38	

* See REMARKS.

e Estimated.



0213903612 CATAWBA RIVER AT CALVIN, NC

LOCATION.--Lat 35°41'05", long 81°24'11", Burke County, Hydrologic Unit 03050101, on right bank at City of Morganton's water intake, 0.5 mi upstream from Canoe Creek, and 0.5 mi north of Calvin.

DRAINAGE AREA.--508 mi².

PERIOD OF RECORD.--July 1991 to current year.

REVISED RECORDS.--WDR NC-04-1: 1994(M), 1995(M), 1996(M), 2003(M).

GAGE.--Water-stage recorder. Datum of gage is 1,002.40 ft above NGVD of 1929 (levels by City of Morganton). Satellite telemetry at station.

REMARKS.--No estimated daily discharges. Records fair. City of Morganton diverted about 11.8 ft³/s from Catawba River for municipal water supply. Considerable regulation, at times, caused by Lake James (station 02138519), 6.5 mi upstream. Maximum discharge for period of record from rating curve extended above 26,000 ft³/s, by logarithmic plotting, maximum gage-height, 26.30 ft, from high-water mark at gage. Minimum discharge for period of record and current water year affected by regulation.

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	2,500	1,030	1,760	894	831	903	532	714	349	1,440	1,400	958
2	2,470	1,030	1,490	1,350	832	832	1,040	807	1,180	1,380	1,200	957
3	2,470	1,040	2,350	2,360	862	817	571	814	1,660	1,100	977	938
4	2,450	1,430	1,930	1,180	841	549	966	715	1,270	619	396	1,130
5	2,440	1,290	979	193	674	449	920	521	1,160	1,430	1,180	1,300
6	2,360	958	1,120	196	577	441	1,220	644	675	1,810	883	1,070
7	2,380	1,270	1,590	189	1,030	584	1,080	437	809	3,280	799	1,060
8	1,520	1,020	1,460	187	1,050	388	1,370	416	603	3,270	1,020	1,090
9	1,260	986	998	494	899	509	2,080	606	743	2,930	1,370	1,020
10	1,260	966	1,040	774	1,050	580	2,510	622	1,830	2,800	1,340	1,160
11	1,250	857	1,500	802	1,250	570	2,050	551	2,410	2,660	1,590	1,110
12	1,060	1,230	1,180	749	1,690	561	1,130	510	1,640	2,850	2,410	893
13	1,270	1,240	663	737	1,710	568	1,380	531	1,530	2,880	1,780	916
14	1,250	1,150	551	1,210	1,720	568	2,010	541	2,420	2,800	1,680	853
15	1,260	936	799	1,140	1,740	470	1,930	659	2,420	2,360	1,670	908
16	1,250	870	671	1,040	1,260	481	1,850	1,120	2,420	2,660	1,360	898
17	1,250	870	1,070	1,280	1,040	517	1,830	536	1,990	2,680	1,010	667
18	1,230	2,280	1,040	1,940	1,050	952	1,780	532	877	2,530	5,310	634
19	1,210	2,290	1,040	2,370	1,030	557	1,770	524	893	2,660	2,750	425
20	1,220	2,300	1,010	2,370	638	484	1,800	564	964	2,650	2,610	648
21	1,210	2,290	1,040	1,960	1,130	735	1,250	554	970	2,620	2,540	625
22	1,180	1,870	726	683	1,170	736	1,550	531	962	2,750	2,610	596
23	1,660	996	1,130	825	1,130	770	950	539	732	2,630	2,810	602
24	1,530	897	1,060	1,670	959	1,190	1,060	532	697	2,570	2,560	611
25	337	1,080	1,190	1,700	940	1,160	1,070	515	710	1,910	2,490	604
26	328	1,230	1,300	1,250	936	981	1,080	518	732	1,420	2,480	604
27	753	1,150	1,680	916	926	975	799	514	685	1,080	2,420	608
28	689	1,120	1,690	901	837	2,300	906	351	1,120	781	2,490	605
29	359	1,270	1,930	577	---	1,490	898	344	1,860	1,240	2,410	609
30	549	1,720	1,850	592	---	2,370	705	347	1,960	1,150	1,390	543
31	523	---	1,510	689	---	629	---	335	---	998	982	---
TOTAL	42,478	38,666	39,347	33,218	29,802	25,116	40,087	17,444	38,271	65,938	57,917	24,642
MEAN	1,370	1,289	1,269	1,072	1,064	810	1,336	563	1,276	2,127	1,868	821
MAX	2,500	2,300	2,350	2,370	1,740	2,370	2,510	1,120	2,420	3,280	5,310	1,300
MIN	328	857	551	187	577	388	532	335	349	619	396	425
†	-366	-87	-74	+9	-213	+418	+49	+125	-30	-173	+67	-108

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1991 - 2005, BY WATER YEAR (WY)

MEAN	637	703	880	1,127	1,120	1,122	1,099	815	866	767	872	915
MAX	1,943	1,615	1,700	2,438	2,659	2,093	2,259	1,627	2,103	2,127	2,078	5,505
(WY)	(1996)	(1993)	(1993)	(1995)	(1998)	(1993)	(2003)	(2003)	(1992)	(2005)	(1994)	(2004)
MIN	227	294	298	327	291	409	437	322	355	380	278	200
(WY)	(2003)	(2001)	(1999)	(2002)	(2002)	(1999)	(1999)	(2002)	(2001)	(2001)	(2002)	(2002)

SANTEE RIVER BASIN

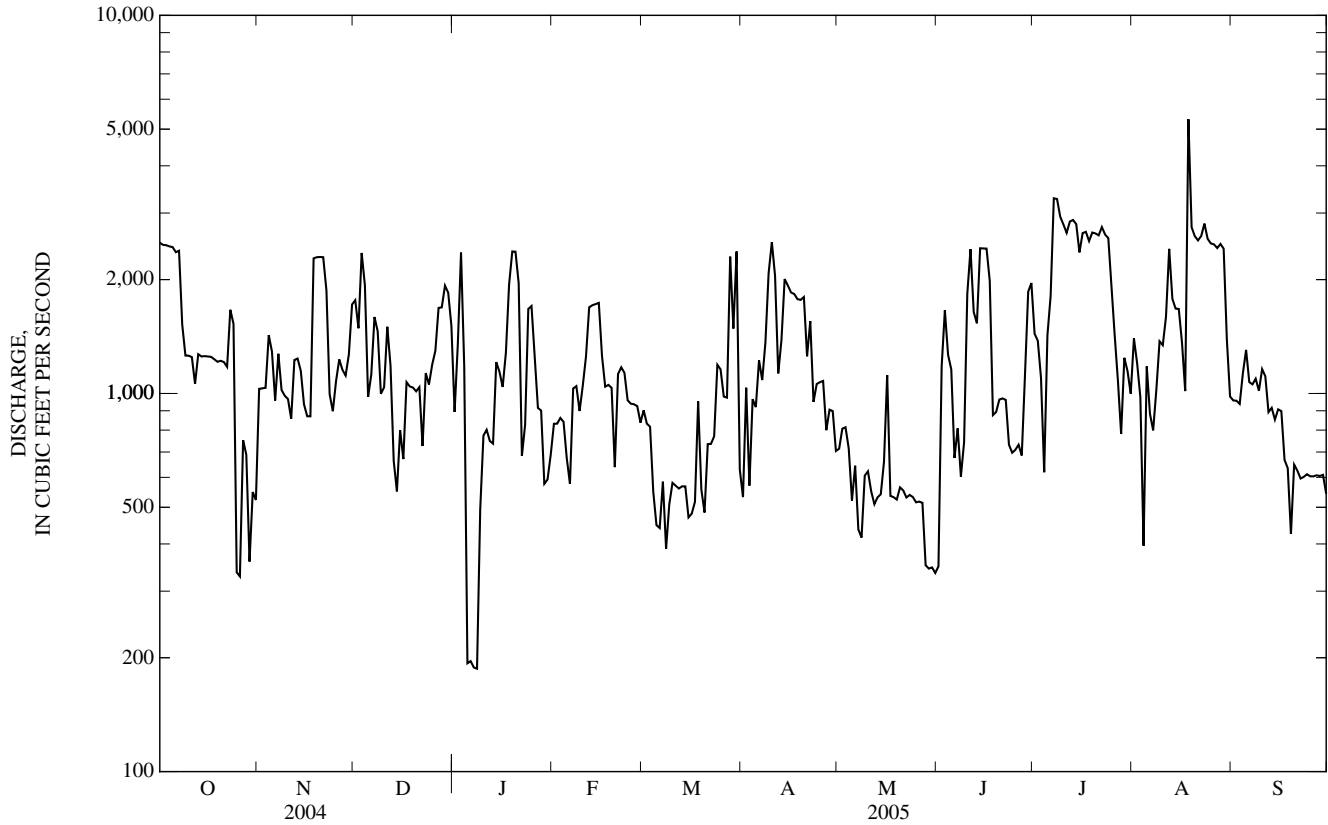
0213903612 CATAWBA RIVER AT CALVIN, NC—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1991 - 2005 (UNADJUSTED)	
ANNUAL TOTAL	460,682		452,926		910	
ANNUAL MEAN	1,259		1,241		1,241	
HIGHEST ANNUAL MEAN					2005	
LOWEST ANNUAL MEAN					2002	
HIGHEST DAILY MEAN	34,700	Sep 9	5,310	Aug 18	34,700	Sep 9, 2004
LOWEST DAILY MEAN	256	Apr 6	187	Jan 8	36	Sep 12, 2002
ANNUAL SEVEN-DAY MINIMUM	453	Aug 6	394	May 26	112	Oct 10, 1993
MAXIMUM PEAK FLOW			8,920	Aug 18	52,600*	Sep 9, 2004
MAXIMUM PEAK STAGE			9.12	Aug 18	26.30*	Sep 9, 2004
INSTANTANEOUS LOW FLOW			104*	Jan 5	2.1*	Sep 12, 2002
10 PERCENT EXCEEDS	2,040		2,420		1,790	
50 PERCENT EXCEEDS	760		1,050		657	
90 PERCENT EXCEEDS	532		532		274	

† Change in contents, equivalent in cubic feet per second, in Lake James, provided by Duke Power Company.

** Adjusted for change in contents.

* See REMARKS.



02140991 JOHNS RIVER AT ARNEYS STORE, NC

LOCATION.--Lat 35°50'01", long 81°42'43", Burke County, Hydrologic Unit 03050101, on right bank 12 ft downstream of bridge on Secondary Road 1438, 0.2 mi downstream of Sims Branch, and 0.8 mi northeast of Arneys Store.

DRAINAGE AREA.--201 mi².

PERIOD OF RECORD.--Occasional discharge measurements, water years 1974-84. May 1985 to current year.

REVISED RECORDS.--WDR NC-87-1: 1985-86 (P). WDR NC-04-1: 1994(M), 1995(M).

GAGE.--Water-stage recorder. Datum of gage is 1,001.74 ft above NGVD of 1929. Satellite and telephone telemetry at station.

REMARKS.--Records fair except those for estimated daily discharges, which are poor. Maximum discharge for period of record from rating curve extended above 12,500 ft³/s on basis of slope-area measurement; maximum gage height from high-water mark. Minimum discharge for period of record also occurred Sept. 14, 2002. Minimum discharge for current water year also occurred Sept. 30.

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	684	388	559	450	391	551	588	380	243	432	493	503
2	615	375	512	433	372	437	1,070	357	658	499	374	431
3	568	374	484	419	411	398	977	346	471	701	327	390
4	534	749	461	409	429	379	794	335	378	3,180	303	358
5	495	739	439	401	396	388	682	336	326	845	287	339
6	469	558	434	393	384	406	599	342	294	558	367	318
7	447	496	449	380	372	391	554	323	318	2,910	388	307
8	423	455	424	383	369	422	692	312	659	2,550	534	298
9	410	417	501	366	369	393	636	298	444	e1,000	601	290
10	407	397	709	354	366	368	550	288	561	e760	535	275
11	388	385	613	349	348	360	517	257	576	e740	480	266
12	379	663	543	341	336	352	495	268	523	799	393	256
13	560	767	503	361	334	343	588	281	2,070	664	365	252
14	483	592	466	2,860	363	364	1,130	306	1,400	576	571	242
15	403	522	437	1,040	347	347	784	396	747	526	457	234
16	374	489	421	755	335	351	644	360	e595	591	391	229
17	357	461	410	634	328	398	571	296	e523	576	423	243
18	343	438	402	551	315	375	531	281	e461	560	3,630	230
19	364	423	393	513	303	360	499	313	e413	901	1,650	217
20	405	408	370	498	309	346	471	383	e376	1,220	980	211
21	360	391	363	476	373	336	445	310	359	726	733	213
22	363	381	362	450	362	330	470	274	325	586	e620	206
23	407	448	1,760	e433	328	612	517	275	297	517	e540	208
24	419	863	1,230	e427	356	593	434	266	276	441	499	197
25	390	1,240	813	406	351	495	414	249	262	403	448	192
26	366	761	679	398	327	453	396	241	255	369	415	223
27	364	630	597	384	321	450	405	234	264	345	390	240
28	404	608	541	357	521	2,260	375	230	339	343	374	205
29	418	536	513	363	---	1,430	410	226	442	482	361	203
30	464	502	492	428	---	887	428	223	400	394	619	192
31	418	---	469	425	---	692	---	216	---	580	828	---
TOTAL	13,481	16,456	17,349	16,437	10,116	16,267	17,666	9,202	15,255	25,774	19,376	7,968
MEAN	435	549	560	530	361	525	589	297	508	831	625	266
MAX	684	1,240	1,760	2,860	521	2,260	1,130	396	2,070	3,180	3,630	503
MIN	343	374	362	341	303	330	375	216	243	343	287	192
CFSM	2.16	2.73	2.78	2.64	1.80	2.61	2.93	1.48	2.53	4.14	3.11	1.32
IN.	2.49	3.05	3.21	3.04	1.87	3.01	3.27	1.70	2.82	4.77	3.59	1.47

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1985 - 2005, BY WATER YEAR (WY)

MEAN	264	346	331	425	405	529	472	338	338	282	310	321
MAX	890	938	602	1,388	838	1,151	883	595	963	831	1,070	2,087
(WY)	(1991)	(1993)	(1997)	(1995)	(1990)	(1993)	(1987)	(1993)	(1992)	(2005)	(1994)	(2004)
MIN	79.1	104	113	170	138	179	206	128	94.5	75.5	42.6	88.7
(WY)	(2001)	(2002)	(1989)	(2001)	(2001)	(1988)	(1986)	(2001)	(2002)	(1988)	(2002)	(1999)

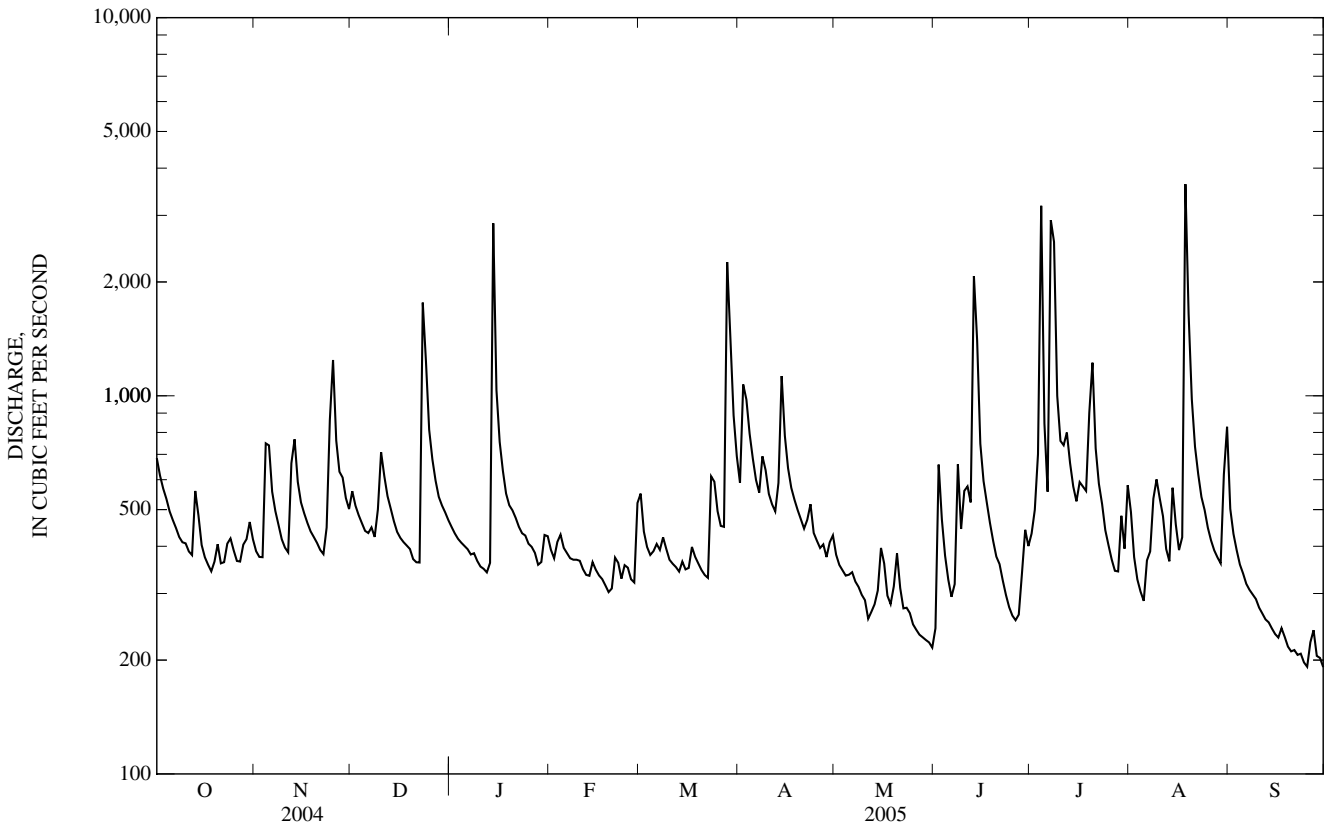
SANTEE RIVER BASIN

02140991 JOHNS RIVER AT ARNEYS STORE, NC—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1985 - 2005	
ANNUAL TOTAL	191,292		185,347		364	
ANNUAL MEAN	523		508		164	
HIGHEST ANNUAL MEAN					521	2004
LOWEST ANNUAL MEAN					164	2002
HIGHEST DAILY MEAN	19,400	Sep 8	3,630	Aug 18	19,400	Sep 8, 2004
LOWEST DAILY MEAN	140	Aug 11	192	Sep 25	19	Sep 13, 2002
ANNUAL SEVEN-DAY MINIMUM	156	Aug 5	206	Sep 19	24	Sep 8, 2002
MAXIMUM PEAK FLOW			8,110	Jul 7	39,000*	Sep 8, 2004
MAXIMUM PEAK STAGE			13.01	Jul 7	28.60*	Sep 8, 2004
INSTANTANEOUS LOW FLOW			186*	Sep 25	19*	Sep 13, 2002
ANNUAL RUNOFF (CFSM)	2.60		2.53		1.81	
ANNUAL RUNOFF (INCHES)	35.40		34.30		24.63	
10 PERCENT EXCEEDS	701		739		630	
50 PERCENT EXCEEDS	364		410		263	
90 PERCENT EXCEEDS	219		275		104	

* See REMARKS.

e Estimated.

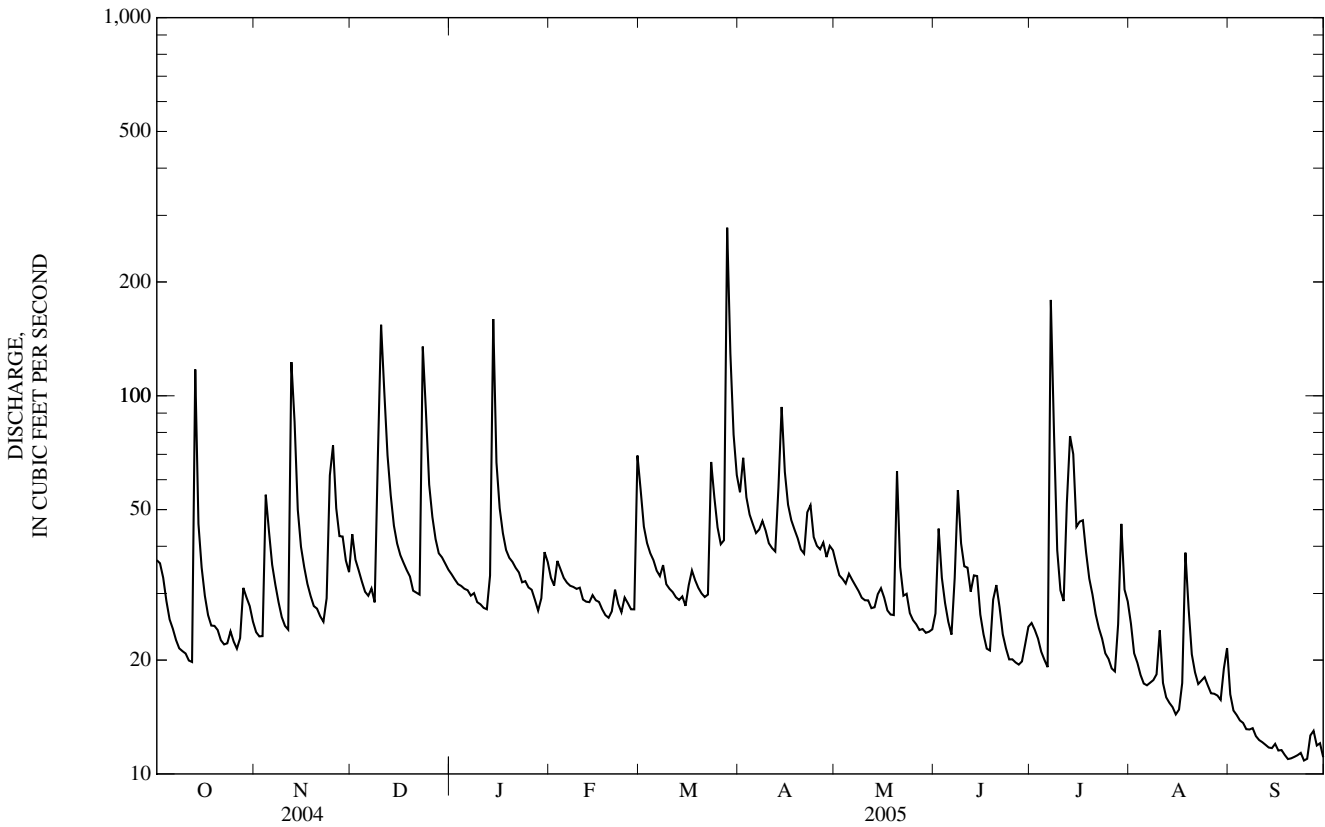


02142000 LOWER LITTLE RIVER NEAR ALL HEALING SPRINGS, NC—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1953 - 2005 [@]	
ANNUAL TOTAL	12,314		12,641			
ANNUAL MEAN	33.6		34.6		38.0	
HIGHEST ANNUAL MEAN					65.2	1993
LOWEST ANNUAL MEAN					13.7	2002
HIGHEST DAILY MEAN	306	Sep 8	278	Mar 28	2,270	Aug 10, 1970
LOWEST DAILY MEAN	12	Aug 7	11	Sep 18	1.5	Sep 12, 2002
ANNUAL SEVEN-DAY MINIMUM	13	Aug 4	11	Sep 18	2.0	Sep 8, 2002
MAXIMUM PEAK FLOW			730	Jul 7	4,850	Aug 10, 1970
MAXIMUM PEAK STAGE			5.95	Jul 7	15.68	Aug 10, 1970
INSTANTANEOUS LOW FLOW			9.6	Sep 25	0.32*	Jan 3, 2001
ANNUAL RUNOFF (CFSM)	1.19		1.23		1.35	
ANNUAL RUNOFF (INCHES)	16.24		16.68		18.29	
10 PERCENT EXCEEDS	49		53		66	
50 PERCENT EXCEEDS	28		30		26	
90 PERCENT EXCEEDS	16		16		12	

[@] See PERIOD OF RECORD.

* See REMARKS.



02142000 LOWER LITTLE RIVER NEAR ALL HEALING SPRINGS, NC—Continued

PRECIPITATION RECORDS

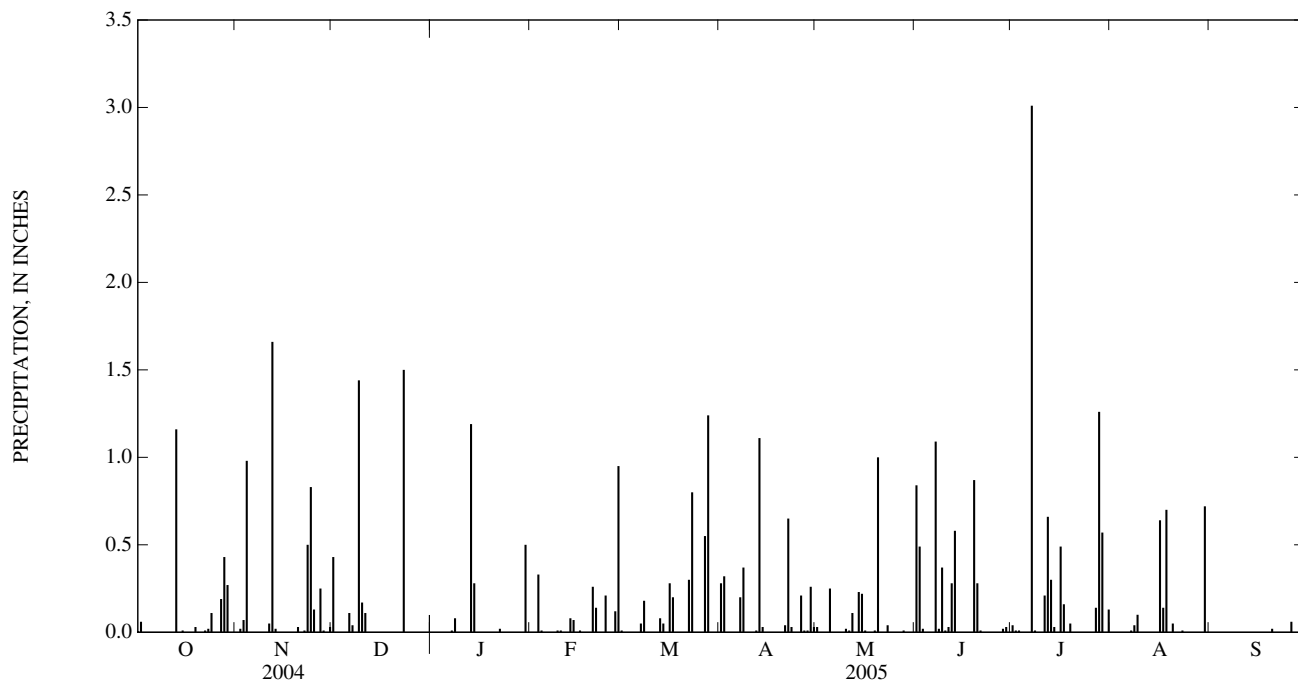
PERIOD OF RECORD.--August 2001 to current year.

GAGE.--Tipping-bucket raingage and electronic datalogger. Satellite telemetry at station.

REMARKS.--Precipitation data collected during freezing periods may not be accurately reflected in daily record; consequently, winter record is poor.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.43	0.00	0.00	0.01	0.28	0.03	0.84	0.04	0.00	0.00
2	0.06	0.02	0.00	0.00	0.00	0.00	0.32	0.00	0.49	0.01	0.00	0.00
3	0.00	0.07	0.00	0.00	0.33	0.00	0.00	0.00	0.02	0.01	0.00	0.00
4	0.00	0.98	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00	0.00	0.00
6	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.04	0.01	0.00	0.05	0.20	0.00	1.09	3.01	0.01	0.00
8	0.00	0.00	0.00	0.08	0.00	0.18	0.37	0.00	0.02	0.01	0.04	0.00
9	0.00	0.00	1.44	0.00	0.01	0.00	0.00	0.00	0.37	0.00	0.10	0.00
10	0.00	0.00	0.17	0.00	0.01	0.00	0.00	0.02	0.01	0.00	0.00	0.00
11	0.00	0.05	0.11	0.00	0.00	0.00	0.00	0.01	0.03	0.21	0.00	0.00
12	0.00	1.66	0.00	0.00	0.00	0.00	0.01	0.11	0.28	0.66	0.00	0.00
13	1.16	0.02	0.00	1.19	0.08	0.08	1.11	0.00	0.58	0.30	0.00	0.00
14	0.00	0.00	0.00	0.28	0.07	0.05	0.03	0.23	0.00	0.03	0.00	0.00
15	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.01	0.28	0.00	0.01	0.00	0.49	0.64	0.00
17	0.00	0.00	0.00	0.00	0.00	0.20	0.00	0.00	0.00	0.16	0.14	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.70	0.00
19	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.87	0.05	0.00	0.00
20	0.00	0.03	0.00	0.00	0.26	0.00	0.00	1.00	0.28	0.00	0.05	0.02
21	0.00	0.00	0.00	0.00	0.14	0.00	0.04	0.00	0.01	0.00	0.00	0.00
22	0.01	0.01	0.00	0.02	0.00	0.30	0.65	0.00	0.00	0.00	0.00	0.00
23	0.02	0.50	1.50	0.00	0.00	0.80	0.03	0.04	0.00	0.00	0.01	0.00
24	0.11	0.83	0.00	0.00	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00	0.06
27	0.19	0.25	0.00	0.00	0.12	0.55	0.01	0.00	0.00	0.14	0.00	0.00
28	0.43	0.01	0.00	0.00	0.95	1.24	0.01	0.01	0.02	1.26	0.00	0.00
29	0.27	0.00	0.00	0.00	---	0.00	0.26	0.00	0.03	0.57	0.00	0.00
30	0.00	0.03	0.00	0.50	---	0.00	0.03	0.00	0.00	0.00	0.72	0.00
31	0.00	---	0.00	0.00	---	0.00	---	0.00	---	0.13	0.00	---
TOTAL	2.29	4.59	3.80	2.08	2.20	3.74	3.56	1.94	4.94	7.08	2.41	0.08



0214253830 NORWOOD CREEK NEAR TROUTMAN, NC

LOCATION.--Lat 35°40'50", long 80°56'43", Iredell County, Hydrologic Unit 03050101, on left upstream wingwall of culvert on Secondary Road 1328, 0.4 mi upstream from Lake Norman, 0.7 mi downstream of Powder Spring Branch, 1.0 mi northeast of East Monbo, and 3.7 mi southwest of Troutman.

DRAINAGE AREA.--7.18 mi².

PERIOD OF RECORD.--December 1983 to current year.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 761.09 ft above NGVD of 1929. Satellite telemetry at station.

REMARKS.--Records fair except those for estimated daily discharges and for period of beaver affected gage-height, May 12 to July 12, which is poor. Minimum discharge for current water year occurred many days in Sept.

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	5.1	3.5	7.6	6.3	9.0	15	6.9	6.6	9.6	7.6	5.9	1.9
2	4.7	3.5	7.0	6.1	8.8	9.6	6.8	6.2	7.6	7.7	4.7	1.9
3	4.7	3.7	6.7	6.0	11	8.4	6.3	6.1	5.7	7.1	4.3	1.8
4	4.3	43	6.5	5.9	11	7.8	6.0	5.8	6.6	6.8	4.1	1.8
5	3.9	12	6.3	5.8	10	7.5	5.8	5.7	7.2	6.0	4.0	1.7
6	3.7	7.9	6.3	5.8	9.8	7.2	5.8	5.8	6.9	5.7	4.0	1.7
7	3.6	6.7	6.9	5.6	9.7	7.1	5.7	5.6	14	10	4.4	1.7
8	3.6	6.1	6.5	5.6	9.6	8.3	5.8	5.6	10	7.0	4.3	1.7
9	3.5	e5.5	21	5.3	9.7	7.4	6.1	5.7	6.4	5.2	7.9	1.8
10	3.5	e5.3	218	5.3	9.8	7.1	5.1	5.4	6.7	5.4	17	1.8
11	3.5	e5.0	25	5.2	9.5	7.1	5.1	5.8	7.3	5.7	5.1	1.7
12	3.4	e24	15	5.1	9.6	6.9	5.2	5.4	7.8	5.3	4.4	1.7
13	3.8	14	12	5.1	9.6	6.9	7.9	6.5	8.0	7.6	4.1	1.6
14	3.6	8.0	10	19	10	7.3	33	5.7	7.6	6.8	4.0	1.7
15	3.5	e7.0	9.2	7.8	10	6.9	9.0	5.6	7.7	5.7	3.8	1.7
16	3.5	e6.5	8.6	6.3	10	7.8	7.0	4.6	7.6	5.0	3.7	1.7
17	3.6	6.0	8.3	5.8	10	9.9	6.3	4.6	7.2	4.9	4.1	1.8
18	3.5	5.9	7.9	5.3	10	9.3	5.9	4.9	6.3	4.5	7.8	1.8
19	3.8	5.8	7.6	5.2	10	8.3	5.7	5.2	5.7	4.4	3.3	1.7
20	3.7	6.1	7.2	e5.2	11	8.0	5.4	6.2	5.5	4.3	2.5	1.6
21	3.6	5.8	7.0	e5.2	13	7.6	5.1	5.8	4.8	4.3	2.3	1.7
22	3.6	6.0	7.0	e5.1	12	7.6	5.8	6.2	4.3	4.3	2.2	1.7
23	3.5	11	12	e5.1	12	10	5.1	7.6	3.6	4.3	2.2	1.7
24	3.6	16	9.8	e5.0	e10	9.1	4.8	8.9	3.7	4.1	2.2	1.6
25	3.6	16	8.1	e5.2	8.4	8.3	4.9	8.4	3.8	4.1	2.2	1.6
26	3.5	9.5	7.5	e5.5	7.6	8.0	5.0	9.2	3.8	4.0	2.1	1.7
27	3.7	8.9	7.1	e6.0	7.4	8.0	5.2	9.7	4.0	3.9	2.1	1.7
28	4.6	10	6.8	e7.0	37	129	5.1	10	4.7	3.8	2.1	1.7
29	3.9	7.9	6.7	8.3	---	17	5.5	11	4.5	5.0	2.1	1.8
30	3.6	7.6	6.6	9.9	---	8.8	5.8	10	6.6	4.6	2.1	1.7
31	3.5	---	6.4	9.3	---	7.4	---	10	---	9.9	2.0	---
TOTAL	117.2	284.2	488.6	199.3	305.5	384.6	203.1	209.8	195.2	175.0	127.0	51.7
MEAN	3.78	9.47	15.8	6.43	10.9	12.4	6.77	6.77	6.51	5.65	4.10	1.72
MAX	5.1	43	218	19	37	129	33	11	14	10	17	1.9
MIN	3.4	3.5	6.3	5.0	7.4	6.9	4.8	4.6	3.6	3.8	2.0	1.6
CFSM	0.53	1.32	2.20	0.90	1.52	1.73	0.94	0.94	0.91	0.79	0.57	0.24
IN.	0.61	1.47	2.53	1.03	1.58	1.99	1.05	1.09	1.01	0.91	0.66	0.27

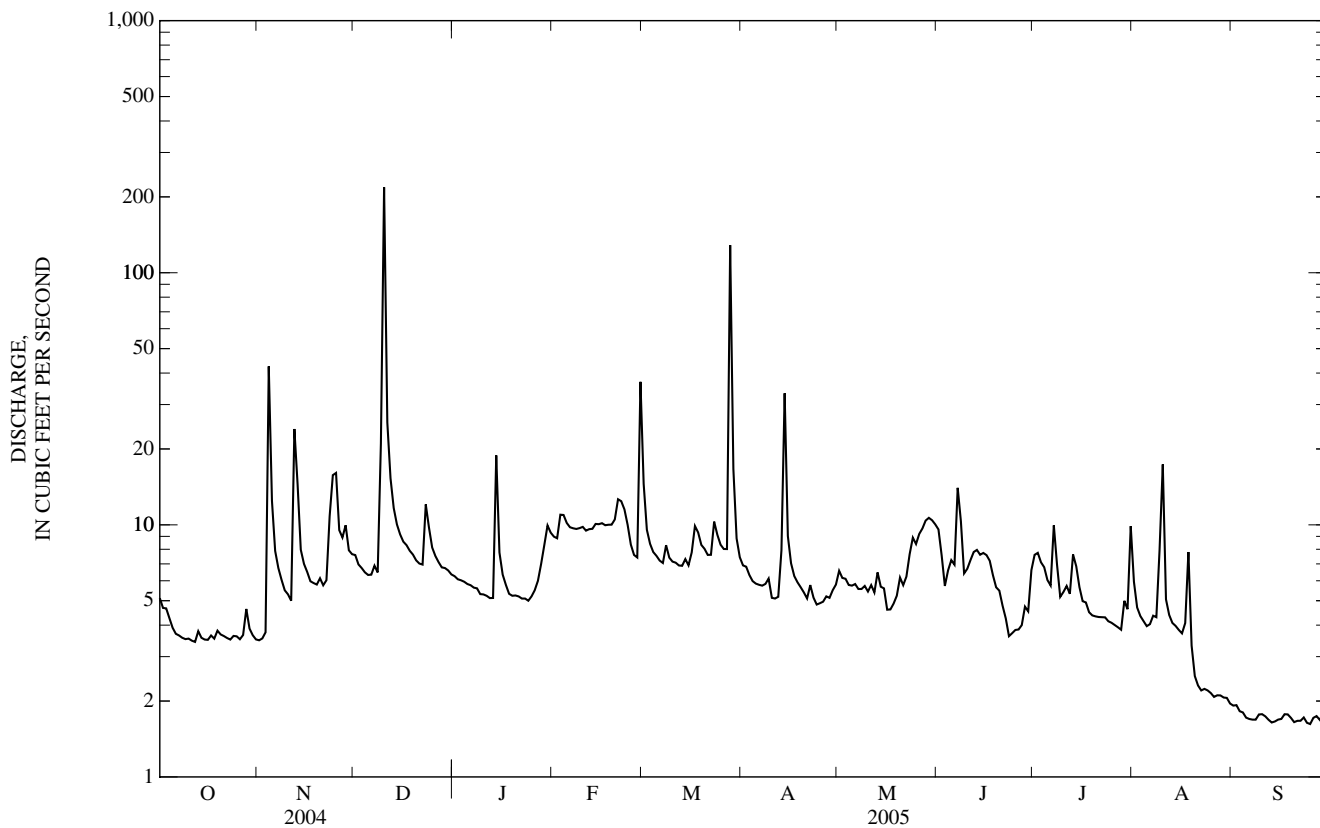
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 2005, BY WATER YEAR (WY)

MEAN	7.56	7.03	8.36	9.73	12.2	13.5	11.3	6.94	6.70	5.27	5.02	4.62
MAX	36.1	16.9	15.8	21.0	25.1	35.2	29.7	15.2	24.4	22.1	13.0	13.7
(WY)	(1991)	(1993)	(2005)	(1993)	(1990)	(1993)	(2003)	(1990)	(1992)	(1989)	(1994)	(2004)
MIN	1.01	1.38	1.97	2.81	3.54	4.49	3.60	2.39	1.61	1.41	0.85	1.53
(WY)	(2002)	(2002)	(2002)	(2001)	(2002)	(1999)	(1986)	(2001)	(1986)	(2000)	(2000)	(2001)

0214253830 NORWOOD CREEK NEAR TROUTMAN, NC—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1984 - 2005	
ANNUAL TOTAL	2,674.0		2,741.2		8.00	
ANNUAL MEAN	7.31		7.51		2.77	
HIGHEST ANNUAL MEAN					13.5	2003
LOWEST ANNUAL MEAN					2.77	2002
HIGHEST DAILY MEAN	281	Sep 28	218	Dec 10	550	Mar 20, 2003
LOWEST DAILY MEAN	1.6	Jul 24	1.6*	Sep 13	0.48	Aug 10, 2002
ANNUAL SEVEN-DAY MINIMUM	1.7	Jul 20	1.7	Sep 19	0.58	Sep 7, 2002
MAXIMUM PEAK FLOW			901	Dec 10	NOT DETERMINED	
MAXIMUM PEAK STAGE			8.14	Dec 10	10.18	Jun 16, 2003
INSTANTANEOUS LOW FLOW			1.6	Sep 6	0.40	Aug 21, 2002
ANNUAL RUNOFF (CFSM)	1.02		1.05		1.11	
ANNUAL RUNOFF (INCHES)	13.85		14.20		15.14	
10 PERCENT EXCEEDS	8.2		10		11	
50 PERCENT EXCEEDS	5.5		5.8		5.2	
90 PERCENT EXCEEDS	2.4		2.2		2.3	

* See REMARKS.
e Estimated.



LOCATION.--Lat 35°27'50", long 80°52'35", Mecklenburg County, Hydrologic Unit 03050101, McDowell Creek at Westmoreland Road near Cornelius, NC.

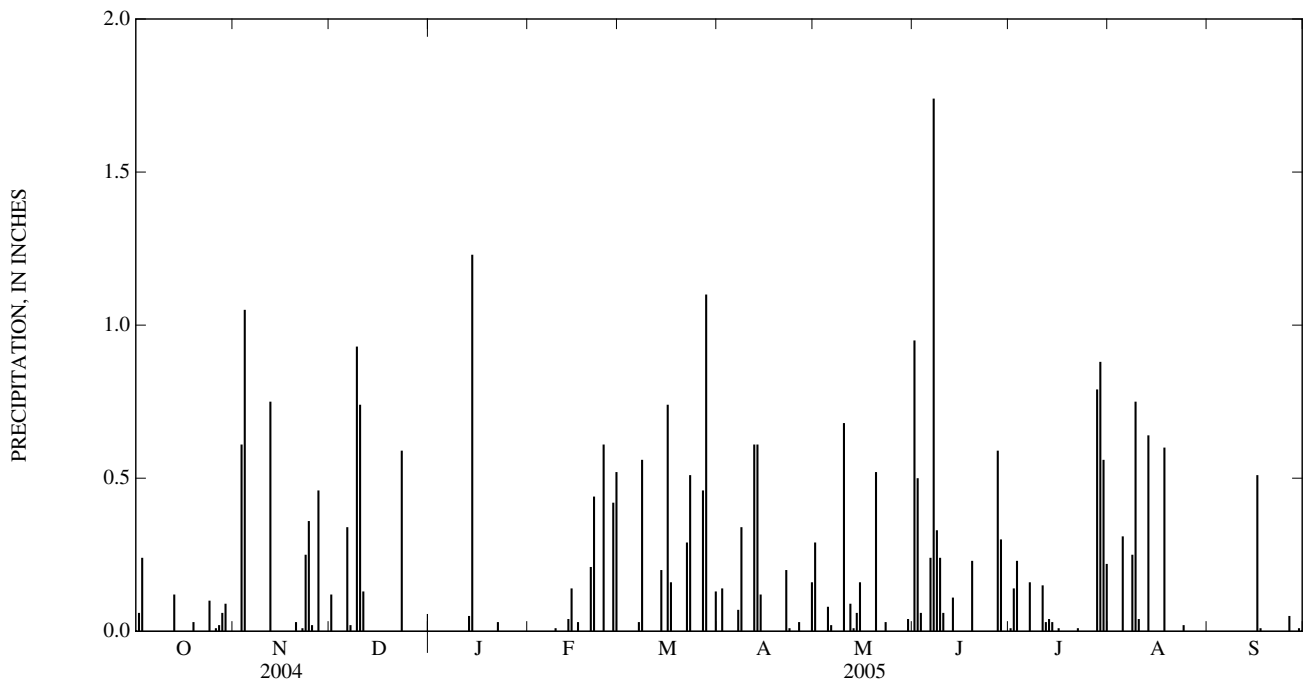
PERIOD OF RECORD.-- May 1994 to current year. Records for period May 1994 to September 1998 published in USGS OFR 96-150, 98-67, and 99-273.

GAGE.--Tipping-bucket raingage and electronic datalogger. Radio telemetry at station.

REMARKS.--Gage is operated as part of Charlotte/Mecklenburg Rainfall Runoff Network. Collection of frozen precipitation during January 2005 is not reflected in daily or monthly totals.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.12	0.00	---	0.00	0.00	0.29	0.95	0.01	0.00	0.00
2	0.06	0.00	0.00	0.00	---	0.00	0.14	0.00	0.50	0.14	0.00	0.00
3	0.24	0.61	0.00	0.00	---	0.00	0.00	0.00	0.06	0.23	0.00	0.00
4	0.00	1.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.31	0.00
6	0.00	0.00	0.34	0.00	0.00	0.00	0.00	0.02	0.24	0.00	0.00	0.00
7	0.00	0.00	0.02	0.00	0.00	0.03	0.07	0.00	1.74	0.16	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.56	0.34	0.00	0.33	0.00	0.25	0.00
9	0.00	0.00	0.93	0.00	0.01	0.00	0.00	0.00	0.24	0.00	0.75	0.00
10	0.00	0.00	0.74	0.00	0.00	0.00	0.00	0.68	0.06	0.00	0.04	0.00
11	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.00	0.00
12	0.00	0.75	0.00	0.00	0.00	0.00	0.61	0.09	0.00	0.03	0.00	0.00
13	0.12	0.00	0.00	0.05	0.04	0.00	0.61	0.01	0.11	0.04	0.64	0.00
14	0.00	0.00	0.00	1.23	0.14	0.20	0.12	0.06	0.00	0.03	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.03	0.74	0.00	0.00	0.00	0.01	0.00	0.51
17	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.01
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00
19	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.00	0.00	0.00
20	0.00	0.03	0.00	0.00	0.21	0.00	0.00	0.52	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.01	0.00	0.03	0.00	0.29	0.20	0.00	0.00	0.01	0.00	0.00
23	0.00	0.25	0.59	0.00	0.00	0.51	0.01	0.03	0.00	0.00	0.00	0.00
24	0.10	0.36	0.00	0.00	0.61	0.00	0.00	0.00	0.00	0.00	0.02	0.00
25	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.01	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.05
27	0.02	0.46	0.00	---	0.42	0.46	0.00	0.00	0.59	0.00	0.00	0.00
28	0.06	0.00	0.00	---	0.52	1.10	0.00	0.00	0.30	0.79	0.00	0.00
29	0.09	0.00	0.00	---	---	0.00	0.00	0.00	0.00	0.88	0.00	0.01
30	0.00	0.00	0.00	---	---	0.00	0.16	0.04	0.00	0.56	0.00	0.00
31	0.00	---	0.00	---	---	0.13	---	0.00	---	0.22	0.00	---
TOTAL	0.73	3.54	2.87	---	---	4.18	2.29	1.98	5.35	3.26	2.61	0.58



0214266000 MCDOWELL CREEK NEAR CHARLOTTE, NC

LOCATION.--Lat 35°23'23", long 80°55'16", Mecklenburg County, Hydrologic Unit 03050101, on right bank at downstream side of bridge on Secondary Road 2074, 2.1 mi downstream of Torrence Creek, 2.8 mi south of Hicks Crossroads, 12.1 mi northwest of city hall, Charlotte.

DRAINAGE AREA.-26.3-mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--November 1996 to current year. Streamflow data for November 1996 to September 1997 previously published in U.S. Geological Survey Open-File Report 98-67.

GAGE.--Water-stage recorder. Datum of gage is 644.87 ft, above North American Vertical Datum of 1988. Radio telemetry at station.

REMARKS.--Records fair except those for estimated daily discharges, which are poor. Minimum discharge for current water year also occurred on Sept. 13, 15, 22-24.

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	e11	6.2	14	13	14	58	26	37	21	14	15	3.5
2	e9.0	5.8	9.7	9.7	12	33	27	16	114	14	10	3.2
3	e56	21	8.9	9.5	75	27	21	14	22	14	7.1	3.3
4	e15	159	8.1	9.6	30	23	18	12	17	17	6.2	3.1
5	12	34	8.5	9.3	21	20	17	12	14	11	6.0	3.0
6	10	17	15	9.5	17	18	16	13	25	9.8	6.9	3.1
7	9.6	12	27	9.8	15	17	16	12	107	16	5.5	2.7
8	9.4	9.5	11	10	15	102	59	12	149	14	7.0	3.1
9	9.5	8.2	113	10	14	30	28	11	43	10	17	2.9
10	9.5	e7.1	513	11	14	22	17	19	73	11	38	2.8
11	9.1	e8.8	77	11	12	18	15	25	23	10	8.3	2.6
12	9.0	e34	34	11	12	17	58	13	18	e12	6.5	2.9
13	9.4	e20	24	11	11	15	111	14	16	e7.6	14	2.6
14	8.6	e14	19	253	17	20	232	14	15	7.3	21	2.7
15	8.0	e10	15	41	15	14	39	15	15	6.8	7.5	2.9
16	7.6	e9.4	13	24	16	102	27	12	13	5.5	5.7	4.9
17	6.7	9.0	13	19	17	71	23	10	11	5.3	5.0	5.6
18	8.0	8.5	12	16	12	33	20	10	11	6.2	e67	3.6
19	9.0	8.4	12	14	11	23	18	10	17	6.4	e8.6	3.1
20	9.2	8.1	11	14	12	21	17	28	13	5.7	e6.0	2.9
21	8.4	7.8	11	13	64	20	15	13	10	4.7	e4.7	2.9
22	8.3	7.3	11	13	32	22	18	10	9.6	4.6	e4.7	2.6
23	7.4	12	58	13	18	154	20	11	10	5.2	e4.4	2.8
24	9.9	29	21	12	129	37	15	9.5	10	4.5	5.9	2.9
25	8.1	25	15	13	34	26	14	8.6	10	4.1	5.0	2.8
26	8.3	11	13	12	22	21	15	9.4	11	3.9	4.6	2.7
27	7.9	16	11	11	20	19	13	9.2	68	3.8	4.6	3.2
28	11	67	11	11	295	500	13	8.3	88	24	4.8	2.9
29	8.4	14	11	11	---	76	13	8.3	21	97	4.1	3.1
30	7.6	11	11	38	---	34	16	9.3	14	41	3.9	3.3
31	6.3	---	10	20	---	31	---	8.6	---	63	3.9	---
TOTAL	327.2	610.1	1,141.2	682.4	976	1,624	957	414.2	988.6	459.4	318.9	93.7
MEAN	10.6	20.3	36.8	22.0	34.9	52.4	31.9	13.4	33.0	14.8	10.3	3.12
MAX	56	159	513	253	295	500	232	37	149	97	67	5.6
MIN	6.3	5.8	8.1	9.3	11	14	13	8.3	9.6	3.8	3.9	2.6
CFSM	0.40	0.77	1.40	0.84	1.33	1.99	1.21	0.51	1.25	0.56	0.39	0.12
IN.	0.46	0.86	1.61	0.97	1.38	2.30	1.35	0.59	1.40	0.65	0.45	0.13

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1997 - 2005, BY WATER YEAR (WY)

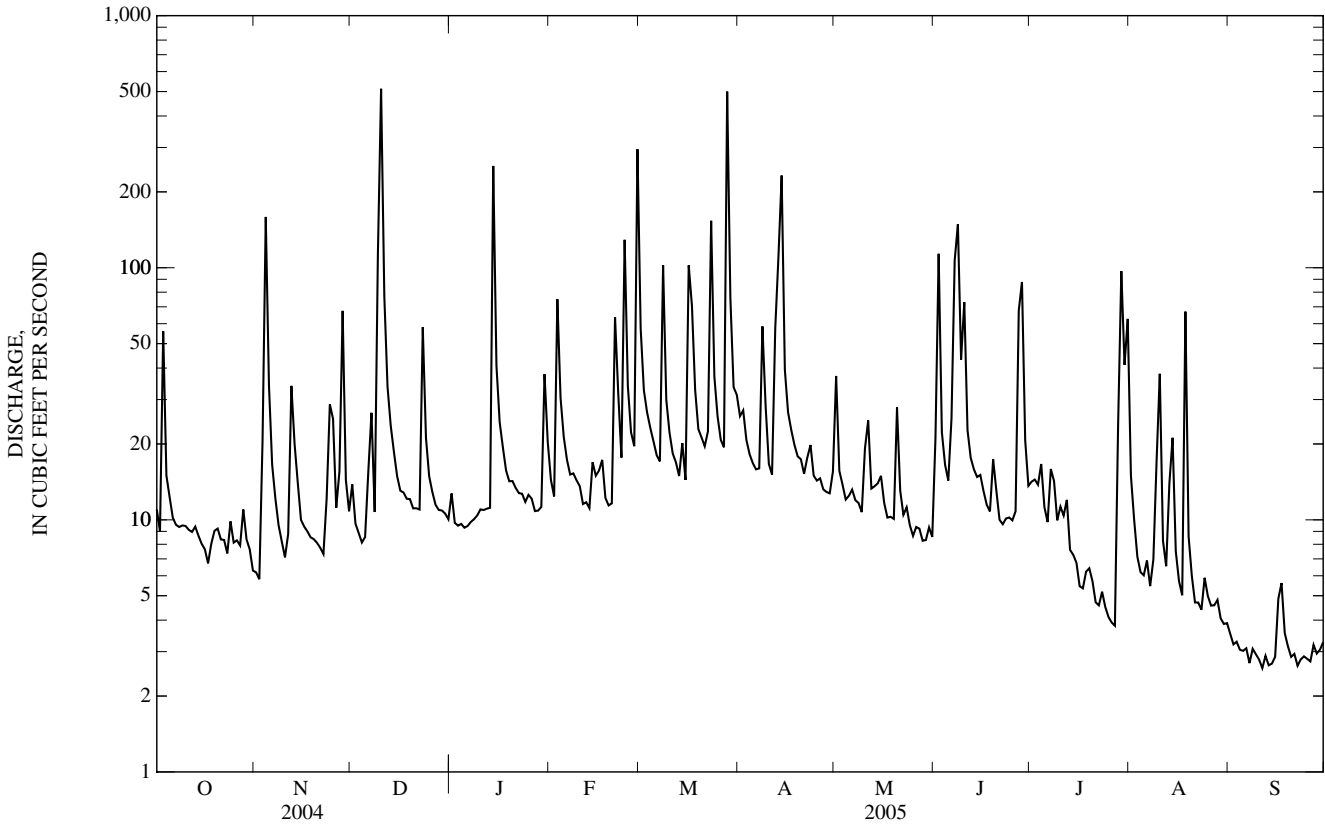
MEAN	14.4	17.1	26.7	30.4	38.3	42.9	37.7	26.7	20.0	18.2	9.01	17.5
MAX	36.3	41.6	66.9	94.0	73.3	106	154	125	69.0	42.7	18.5	54.0
(WY)	(1998)	(2003)	(2003)	(1998)	(1998)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2004)
MIN	3.63	3.21	6.40	10.2	15.4	12.1	8.61	8.96	5.20	4.68	2.50	3.12
(WY)	(2001)	(2002)	(2002)	(2001)	(2001)	(1999)	(2002)	(1999)	(2000)	(1999)	(1999)	(2005)

0214266000 MCDOWELL CREEK NEAR CHARLOTTE, NC—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1997 - 2005	
ANNUAL TOTAL	8,435.0		8,592.7		24.5	
ANNUAL MEAN	23.0		23.5		62.4	
HIGHEST ANNUAL MEAN					10.6	
LOWEST ANNUAL MEAN					1999	
HIGHEST DAILY MEAN	513	Dec 10	513	Dec 10	1,270	Apr 10, 2003
LOWEST DAILY MEAN	4.0	Jul 10	2.6	Sep 11	0.59	Sep 25, 1999
ANNUAL SEVEN-DAY MINIMUM	5.0	Aug 23	2.8	Sep 9	0.99	Sep 20, 1999
MAXIMUM PEAK FLOW			840	Dec 10	2,690	May 22, 2003
MAXIMUM PEAK STAGE			10.77	Dec 10	13.55	May 22, 2003
INSTANTANEOUS LOW FLOW			2.0*	Sep 11	0.29	Sep 23, 1999
ANNUAL RUNOFF (CFSM)	0.876		0.895		0.932	
ANNUAL RUNOFF (INCHES)	11.93		12.15		12.66	
10 PERCENT EXCEEDS	40		38		43	
50 PERCENT EXCEEDS	11		12		9.9	
90 PERCENT EXCEEDS	6.3		4.6		3.4	

* See REMARKS.

e Estimated.



0214266000 MCDOWELL CREEK NEAR CHARLOTTE—Continued

PRECIPITATION RECORDS

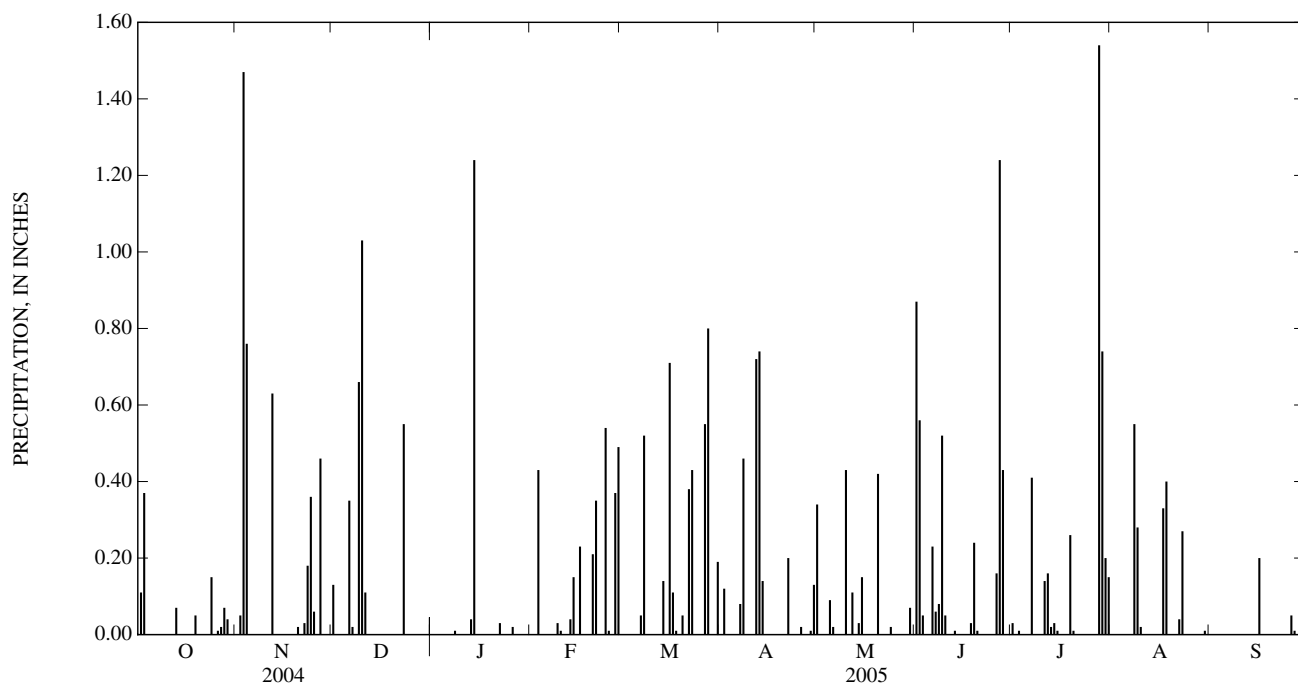
PERIOD OF RECORD.-- November 1996 to current year. Records for period November 1996 to September 1998 published in USGS OFR 98-67, and 99-273.

GAGE.--Tipping-bucket raingage and electronic datalogger. Radio telemetry at station.

REMARKS.--Gage is operated as part of Charlotte/Mecklenburg Rainfall Runoff Network. Collection of frozen precipitation during January 2005 is not reflected in daily or monthly totals.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.34	0.87	0.03	0.00	0.00
2	0.11	0.05	0.00	0.00	0.00	0.00	0.12	0.00	0.56	0.00	0.00	0.00
3	0.37	1.47	0.00	0.00	0.43	0.00	0.00	0.00	0.05	0.01	0.00	0.00
4	0.00	0.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.00
6	0.00	0.00	0.35	0.00	0.00	0.00	0.00	0.02	0.23	0.00	0.00	0.00
7	0.00	0.00	0.02	0.00	0.00	0.05	0.08	0.00	0.06	0.41	0.00	0.00
8	0.00	0.00	0.00	0.01	0.00	0.52	0.46	0.00	0.08	0.00	0.55	0.00
9	0.00	0.00	0.66	0.00	0.03	0.00	0.00	0.00	0.52	0.00	0.28	0.00
10	0.00	0.00	1.03	0.00	0.01	0.00	0.00	0.43	0.05	0.00	0.02	0.00
11	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.00
12	0.00	0.63	0.00	0.00	0.00	0.00	0.72	0.11	0.00	0.16	0.00	0.00
13	0.07	0.00	0.00	0.04	0.04	0.00	0.74	0.00	0.01	0.02	0.00	0.00
14	0.00	0.00	0.00	1.24	0.15	0.14	0.14	0.03	0.00	0.03	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.00	0.01	0.00	0.00
16	0.00	0.00	0.00	0.00	0.23	0.71	0.00	0.00	0.00	0.00	0.00	0.20
17	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.33	0.00
18	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.03	0.00	0.40	0.00
19	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.26	0.00	0.00
20	0.00	0.02	0.00	0.00	0.21	0.05	0.00	0.42	0.01	0.01	0.00	0.00
21	0.00	0.00	0.00	0.00	0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.03	0.00	0.03	0.00	0.38	0.20	0.00	0.00	0.00	0.04	0.00
23	0.00	0.18	0.55	0.00	0.00	0.43	0.00	0.00	0.00	0.00	0.27	0.00
24	0.15	0.36	0.00	0.00	0.54	0.00	0.00	0.02	0.00	0.00	0.00	0.00
25	0.00	0.06	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.01	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.16	0.00	0.00	0.05
27	0.02	0.46	0.00	0.00	0.37	0.55	0.00	0.00	1.24	0.00	0.00	0.01
28	0.07	0.00	0.00	0.00	0.49	0.80	0.00	0.00	0.43	1.54	0.00	0.00
29	0.04	0.00	0.00	---	---	0.00	0.01	0.00	0.00	0.74	0.00	0.00
30	0.00	0.00	0.00	---	---	0.00	0.13	0.07	0.00	0.20	0.01	0.00
31	0.00	---	0.00	0.00	---	0.19	---	0.00	---	0.15	0.00	---
TOTAL	0.89	4.02	2.85	---	2.86	3.94	2.62	1.68	4.54	3.71	1.90	0.26



LOCATION.--Lat 35°21'55", long 80°53'11", Mecklenburg County, Hydrologic Unit 03050101, Gar Creek at McCoy Road near Oakdale, NC.

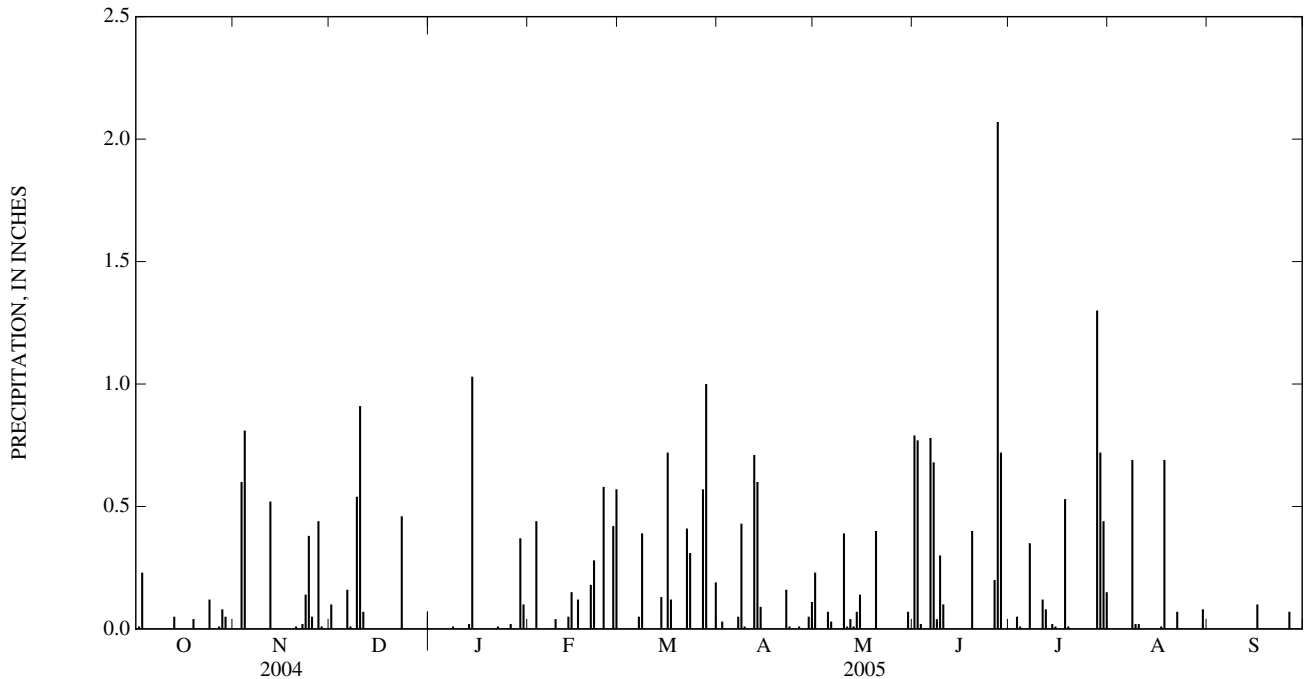
PERIOD OF RECORD.--April 1994 to current year. Records for period April 1994 to September 1998 published in USGS OFR 96-150, 98-67, and 99-273.

GAGE.--Heated tipping-bucket raingage and electronic datalogger. Radio telemetry at station.

REMARKS.--Gage is operated as part of Charlotte/Mecklenburg Rainfall Runoff Network.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.23	0.79	0.00	0.00	0.00
2	0.01	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.77	0.00	0.00	0.00
3	0.23	0.60	0.00	0.00	0.44	0.00	0.00	0.00	0.02	0.05	0.00	0.00
4	0.00	0.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00
6	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.03	0.78	0.00	0.00	0.00
7	0.00	0.00	0.01	0.00	0.00	0.05	0.05	0.00	0.68	0.35	0.00	0.00
8	0.00	0.00	0.00	0.01	0.00	0.39	0.43	0.00	0.04	0.00	0.69	0.00
9	0.00	0.00	0.54	0.00	0.04	0.00	0.01	0.00	0.30	0.00	0.02	0.00
10	0.00	0.00	0.91	0.00	0.00	0.00	0.00	0.39	0.10	0.00	0.02	0.00
11	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.01	0.00	0.12	0.00	0.00
12	0.00	0.52	0.00	0.00	0.00	0.00	0.71	0.04	0.00	0.08	0.00	0.00
13	0.05	0.00	0.00	0.02	0.05	0.00	0.60	0.01	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	1.03	0.15	0.13	0.09	0.07	0.00	0.02	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.01	0.00	0.00
16	0.00	0.00	0.00	0.00	0.12	0.72	0.00	0.00	0.00	0.00	0.00	0.10
17	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.01	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.53	0.69	0.00
19	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.40	0.01	0.00	0.00
20	0.00	0.01	0.00	0.00	0.18	0.00	0.00	0.40	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.02	0.00	0.01	0.00	0.41	0.16	0.00	0.00	0.00	0.07	0.00
23	0.00	0.14	0.46	0.00	0.00	0.31	0.01	0.00	0.00	0.00	0.00	0.00
24	0.12	0.38	0.00	0.00	0.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.20	0.00	0.00	0.07
27	0.01	0.44	0.00	0.00	0.42	0.57	0.00	0.00	2.07	0.00	0.00	0.00
28	0.08	0.01	0.00	0.00	0.57	1.00	0.00	0.00	0.72	1.30	0.00	0.00
29	0.05	0.00	0.00	0.37	---	0.00	0.05	0.00	0.00	0.72	0.00	0.00
30	0.00	0.00	0.00	0.10	---	0.00	0.11	0.07	0.00	0.44	0.08	0.00
31	0.00	---	0.00	0.00	---	0.19	---	0.00	---	0.15	0.00	---
TOTAL	0.59	2.98	2.25	1.56	2.83	3.89	2.26	1.46	6.87	3.79	1.58	0.17



0214266080 GAR CREEK NEAR CROFT, NC

LOCATION.--Lat 35°21'41", long 80°53'51", Mecklenburg County, Hydrologic Unit 03050101, mounted on stand-alone enclosure at Secondary Road 2074, and 4.3 mi west of Croft.

DRAINAGE AREA.--3.55 mi².

PERIOD OF RECORD.--October 2002 to September 2005.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 658.61 ft above North American Vertical Datum of 1988. Radio telemetry at station.

REMARKS.--Records poor for 2003-2004 water years. Records fair for 2005 water year, except those for estimated daily discharges which are poor. Peak discharge not determined for current water year and period of record. Minimum discharge for 2003 water year and period of record also occurred Oct. 2-9, 2002. Minimum discharge for 2004 water year also occurred July 25-27, Aug. 9-11, 2004. Minimum discharge for current water year also occurred Sept. 23-25, 30.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.09	0.36	0.46	1.4	3.3	4.5	3.2	1.9	4.2	1.1	1.3	1.5
2	0.10	0.34	0.46	1.2	2.2	7.5	2.4	2.1	2.1	9.0	1.1	0.85
3	0.10	0.34	0.46	1.6	1.7	3.8	1.9	2.6	e19	2.3	1.1	0.80
4	0.10	0.32	0.48	1.4	1.6	2.8	1.6	3.3	16	1.5	2.2	0.77
5	0.09	0.52	21	1.2	1.3	2.5	1.7	3.1	e4.8	e1.3	2.5	0.75
6	0.09	3.9	8.4	1.1	1.2	e30	1.5	27	e2.6	e1.8	1.3	0.69
7	0.09	1.1	5.3	1.00	5.7	7.5	39	11	e22	e1.4	1.1	0.68
8	0.10	0.69	2.9	1.0	2.8	4.0	11	4.0	e20	e0.90	1.1	0.77
9	0.10	0.66	1.9	1.0	2.0	2.9	e25	2.5	e4.5	e0.80	1.0	0.76
10	0.10	0.60	1.4	1.1	1.8	2.2	e70	2.0	3.2	e2.0	1.1	0.65
11	6.5	e0.63	4.5	1.0	1.6	1.9	27	1.8	2.4	1.1	1.2	0.64
12	0.35	36	2.5	0.96	1.3	1.7	8.0	1.6	2.2	1.2	1.6	0.62
13	1.0	7.4	27	1.00	1.2	1.5	4.0	1.4	2.0	e50	2.0	0.63
14	0.45	2.6	8.4	0.96	1.2	1.4	2.8	1.3	1.7	21	1.1	0.61
15	0.28	1.3	e3.9	0.90	1.6	1.7	2.3	1.4	1.6	4.4	1.1	0.60
16	11	11	2.3	0.92	1.6	25	2.0	1.4	1.8	2.3	0.98	0.55
17	0.90	14	1.6	0.93	1.6	5.9	1.8	1.4	1.7	1.9	0.96	0.53
18	0.38	4.2	1.3	e0.75	3.7	4.1	33	1.5	3.8	1.7	0.91	0.53
19	e0.30	2.0	1.1	e0.75	3.9	e5.0	24	1.5	3.3	1.8	0.86	0.56
20	e0.25	1.5	2.1	e0.89	2.9	e70	7.6	1.3	2.0	1.5	0.84	0.53
21	e1.1	1.1	1.6	e0.89	2.2	e15	4.5	2.8	1.6	1.3	0.81	0.53
22	e0.90	0.86	1.3	e0.75	e20	5.0	3.4	e75	1.4	1.2	0.80	3.3
23	0.32	0.73	1.1	0.93	11	3.2	2.4	27	1.3	1.3	0.77	10
24	0.28	0.68	e30	0.78	3.7	2.4	2.1	7.6	1.2	1.2	0.81	1.2
25	0.26	0.61	e15	0.83	2.6	2.1	2.2	13	1.1	1.1	0.72	0.85
26	0.30	0.59	5.7	0.87	2.5	1.8	24	5.9	1.0	1.2	0.69	0.76
27	0.27	0.55	3.2	0.83	14	1.6	6.7	9.4	1.0	1.2	0.66	0.72
28	0.88	0.53	2.2	0.81	8.4	1.5	3.2	3.8	1.1	1.0	0.64	0.72
29	1.0	0.53	1.7	1.00	---	1.5	2.6	2.8	1.1	0.99	0.64	0.62
30	0.64	0.52	1.4	15	---	14	2.4	2.1	0.98	1.1	0.59	0.63
31	0.44	---	1.2	7.1	---	5.8	---	5.9	---	1.0	0.94	---
TOTAL	28.76	96.16	161.86	50.85	108.6	239.8	323.3	229.4	132.68	121.59	33.42	33.35
MEAN	0.93	3.21	5.22	1.64	3.88	7.74	10.8	7.40	4.42	3.92	1.08	1.11
MAX	11	36	30	15	20	70	70	75	22	50	2.5	10
MIN	0.09	0.32	0.46	0.75	1.2	1.4	1.5	1.3	0.98	0.80	0.59	0.53
CFSM	0.26	0.90	1.47	0.46	1.09	2.18	3.04	2.08	1.25	1.10	0.30	0.31
IN.	0.30	1.01	1.70	0.53	1.14	2.51	3.39	2.40	1.39	1.27	0.35	0.35

SUMMARY STATISTICS

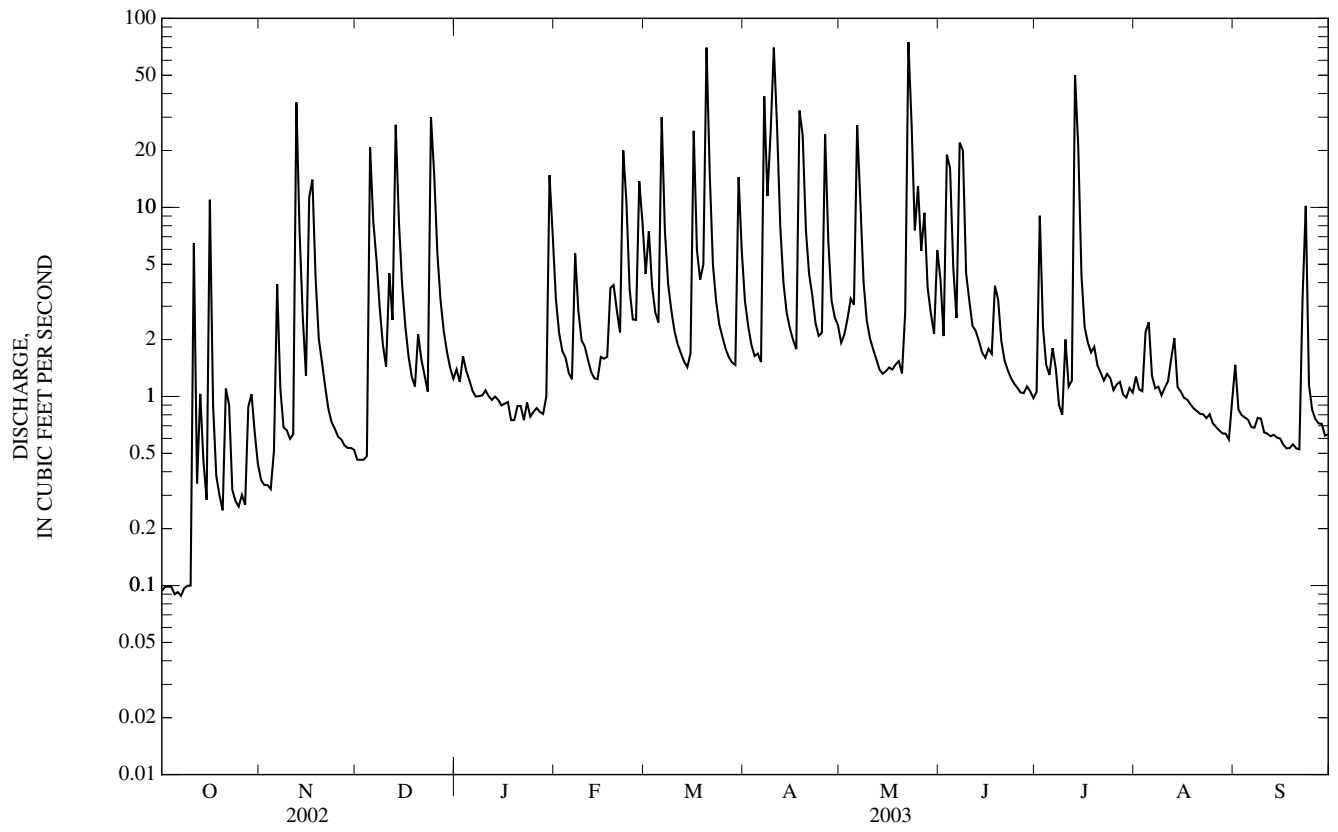
FOR 2003 WATER YEAR

ANNUAL TOTAL	1,559.77
ANNUAL MEAN	4.27
HIGHEST ANNUAL MEAN	
LOWEST ANNUAL MEAN	
HIGHEST DAILY MEAN	e75 May 22
LOWEST DAILY MEAN	0.09 Oct 1
ANNUAL SEVEN-DAY MINIMUM	0.09 Oct 1
MAXIMUM PEAK FLOW	NOT DETERMINED*
MAXIMUM PEAK STAGE	9.84 Jul 13
INSTANTANEOUS LOW FLOW	0.08* Oct 1
ANNUAL RUNOFF (CFSM)	1.20
ANNUAL RUNOFF (INCHES)	16.34
10 PERCENT EXCEEDS	10
50 PERCENT EXCEEDS	1.5
90 PERCENT EXCEEDS	0.53

* See REMARKS.
e Estimated.

SANTEE RIVER BASIN

0214266080 GAR CREEK NEAR CROFT, NC—Continued



0214266080 GAR CREEK NEAR CROFT, NC—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.68	1.3	1.4	0.80	0.83	e4.7	1.8	0.94	0.42	0.30	0.16	0.28
2	0.65	1.3	1.4	0.80	0.81	4.3	1.0	0.91	0.36	0.29	0.26	0.16
3	0.62	1.3	1.3	0.80	2.9	2.4	0.86	0.91	0.33	0.29	0.28	0.14
4	e0.61	1.4	1.4	0.84	1.6	1.6	0.77	0.81	0.36	0.28	0.16	0.13
5	e0.59	1.8	1.6	0.92	1.2	1.3	0.70	0.74	0.37	0.28	0.16	0.13
6	e0.57	1.8	1.5	0.91	16	1.2	0.68	0.69	0.35	0.25	0.14	0.16
7	e0.59	1.6	1.4	0.79	9.6	1.0	0.69	0.67	0.41	0.23	0.12	e4.0
8	0.81	e1.5	e1.4	0.79	3.1	0.99	0.70	0.65	0.42	0.22	0.12	e16
9	0.90	e1.4	e1.3	0.88	2.0	1.0	0.65	0.66	0.40	0.20	0.12	3.5
10	0.79	e1.3	e3.5	0.83	1.6	0.97	0.61	0.71	0.37	0.19	0.11	1.2
11	1.0	e1.3	2.0	0.79	1.4	0.91	0.62	0.59	0.34	0.23	e0.11	0.85
12	0.85	e1.5	1.2	0.81	4.6	0.90	1.0	0.59	0.29	0.21	e3.0	0.68
13	0.79	1.5	1.3	0.85	3.2	0.83	7.0	0.59	0.32	0.21	0.57	0.60
14	0.95	1.4	6.8	0.79	2.1	0.79	3.3	0.58	4.0	0.20	0.61	0.57
15	1.1	1.5	2.5	0.81	2.2	0.87	1.9	0.56	1.3	0.18	0.33	0.53
16	0.93	1.5	1.4	0.79	2.4	0.96	1.4	0.51	0.64	0.17	0.25	0.53
17	0.99	1.5	1.8	0.79	1.8	0.98	1.2	0.56	0.44	1.2	0.20	2.5
18	1.0	1.5	1.4	0.96	1.6	1.0	1.1	0.57	0.38	1.8	0.19	1.6
19	1.0	2.3	1.2	0.84	1.5	0.93	1.0	0.52	e0.30	0.19	0.17	0.74
20	1.0	1.7	1.1	0.79	1.4	0.83	0.97	0.50	e0.30	0.16	0.16	0.61
21	1.1	1.5	0.98	0.79	1.3	0.88	0.90	0.47	e4.0	0.13	0.17	0.55
22	1.1	1.5	1.0	0.79	1.3	0.79	0.86	0.44	e1.9	0.13	0.18	0.54
23	1.0	1.4	1.0	0.79	1.2	0.78	e0.78	0.66	0.46	0.13	0.16	0.52
24	1.0	1.5	0.98	0.79	1.3	0.76	e0.80	0.60	0.46	0.11	0.14	0.49
25	1.0	1.5	0.90	0.80	1.1	0.72	e0.70	0.44	6.1	0.10	0.14	0.47
26	1.1	1.5	0.89	0.81	1.4	0.71	e1.0	0.42	5.4	0.10	0.12	0.46
27	1.7	1.4	0.89	0.81	1.6	0.72	0.86	0.41	0.79	1.8	0.12	e3.0
28	1.4	1.5	0.85	0.82	2.2	0.73	0.76	0.37	0.47	0.44	0.12	e25
29	1.8	1.4	0.87	0.89	5.1	0.70	0.72	0.37	0.35	0.84	0.14	4.7
30	1.3	1.4	0.86	0.99	---	0.77	0.73	0.36	0.31	0.42	0.17	1.5
31	1.3	---	0.79	0.92	---	1.1	---	0.56	---	0.19	0.92	---
TOTAL	30.22	45.0	46.91	25.78	78.34	37.12	36.06	18.36	32.34	11.47	9.60	72.14
MEAN	0.97	1.50	1.51	0.83	2.70	1.20	1.20	0.59	1.08	0.37	0.31	2.40
MAX	1.8	2.3	6.8	0.99	16	4.7	7.0	0.94	6.1	1.8	3.0	25
MIN	0.57	1.3	0.79	0.79	0.81	0.70	0.61	0.36	0.29	0.10	0.11	0.13
CFSM	0.27	0.42	0.43	0.23	0.76	0.34	0.34	0.17	0.30	0.10	0.09	0.68
IN.	0.32	0.47	0.49	0.27	0.82	0.39	0.38	0.19	0.34	0.12	0.10	0.76

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2002 - 2004, BY WATER YEAR (WY)

MEAN	0.95	2.35	3.37	1.24	3.28	4.47	5.99	4.00	2.75	2.15	0.69	1.76
MAX	0.97	3.21	5.22	1.64	3.88	7.74	10.8	7.40	4.42	3.92	1.08	2.40
(WY)	(2004)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2004)
MIN	0.93	1.50	1.51	0.83	2.70	1.20	1.20	0.59	1.08	0.37	0.31	1.11
(WY)	(2003)	(2004)	(2004)	(2004)	(2004)	(2004)	(2004)	(2004)	(2004)	(2004)	(2004)	(2003)

SUMMARY STATISTICS

FOR 2003 CALENDAR YEAR

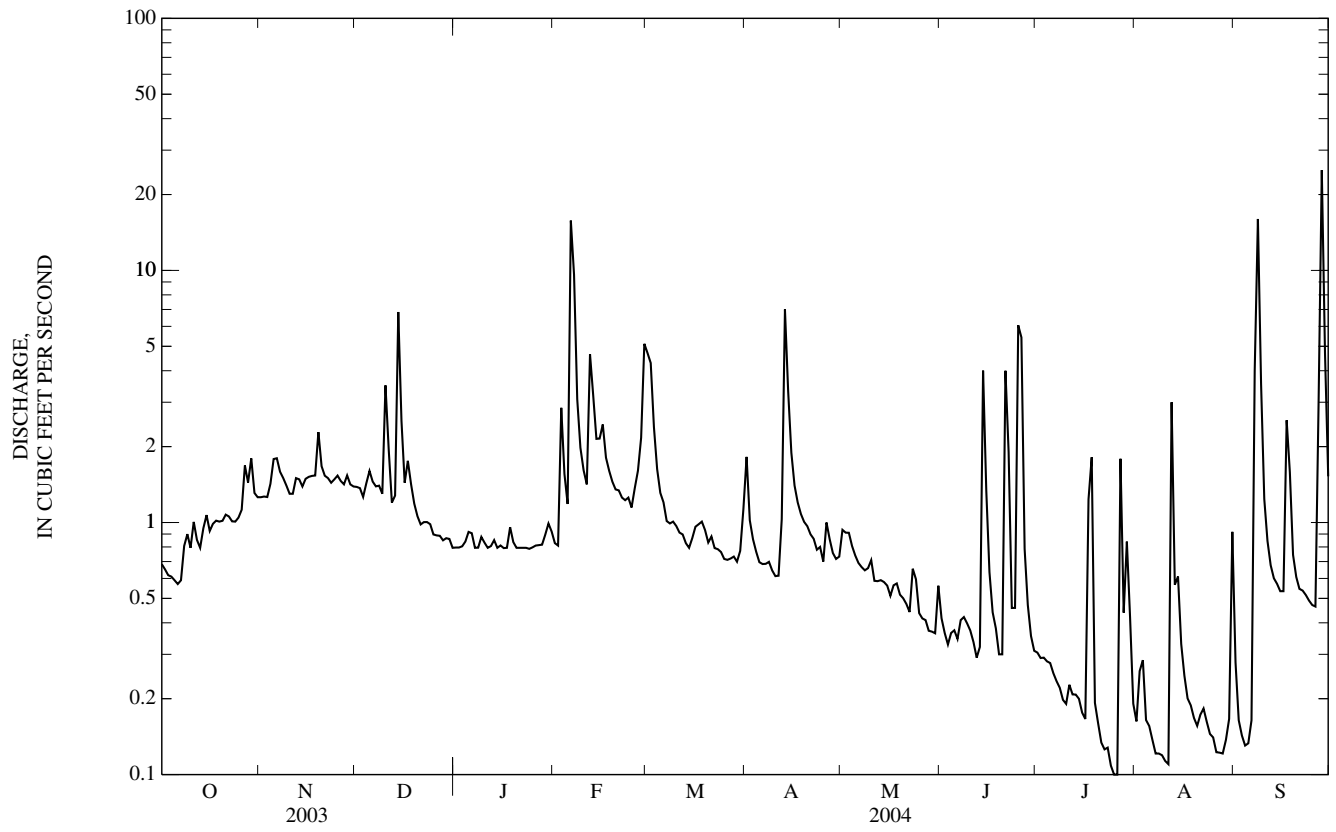
FOR 2004 WATER YEAR

WATER YEARS 2002 - 2004

ANNUAL TOTAL	1,395.12	443.34	
ANNUAL MEAN	3.82	1.21	2.74
HIGHEST ANNUAL MEAN			4.27
LOWEST ANNUAL MEAN			1.21
HIGHEST DAILY MEAN	75	May 22	25
LOWEST DAILY MEAN	0.53	Sep 17	0.10
ANNUAL SEVEN-DAY MINIMUM	0.55	Sep 15	0.12
MAXIMUM PEAK FLOW			NOT DETERMINED*
MAXIMUM PEAK STAGE			5.22
INSTANTANEOUS LOW FLOW			0.10*
ANNUAL RUNOFF (CFSM)	1.08		0.341
ANNUAL RUNOFF (INCHES)	14.62		4.65
10 PERCENT EXCEEDS	7.5		1.8
50 PERCENT EXCEEDS	1.4		0.82
90 PERCENT EXCEEDS	0.76		0.19
			75
			0.09
			0.09
			NOT DETERMINED*
			9.84
			0.08*
			0.772
			10.49
			4.6
			1.0
			0.30

* See REMARKS.

e Estimated.



0214266080 GAR CREEK NEAR CROFT, NC—Continued

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	0.96	0.73	1.0	0.62	1.1	6.3	3.0	1.3	0.86	0.76	0.58	0.14
2	0.77	0.88	0.90	0.61	1.0	3.1	2.7	1.0	2.8	0.68	0.47	0.14
3	1.0	1.6	0.83	0.65	4.0	2.3	1.9	0.93	1.2	0.61	0.42	0.13
4	0.85	5.3	0.79	0.79	2.9	1.9	1.5	0.90	0.91	0.62	0.39	0.12
5	0.65	1.6	0.71	0.63	1.7	1.7	1.4	0.89	0.76	0.59	0.35	0.13
6	0.59	0.82	0.73	0.63	1.4	1.5	1.3	0.93	1.4	0.54	0.34	0.14
7	0.54	0.68	0.88	0.70	1.3	1.5	1.3	0.88	3.7	0.63	0.33	0.16
8	0.53	0.57	0.78	0.69	1.3	3.7	3.4	0.82	2.6	0.57	0.51	0.16
9	0.53	0.53	2.6	0.63	1.2	2.3	2.7	0.80	1.2	0.50	0.56	0.16
10	0.49	0.53	35	0.65	1.2	1.8	1.6	0.86	2.1	0.45	0.40	0.16
11	0.46	0.52	5.6	0.65	1.0	1.7	1.4	1.0	1.2	0.50	0.37	0.15
12	0.46	0.96	2.5	0.63	1.0	1.5	4.2	0.82	0.86	0.58	0.34	0.15
13	0.50	1.0	1.7	0.66	1.1	1.4	10	0.82	0.77	0.46	0.34	0.14
14	0.46	0.64	1.3	11	1.2	1.4	21	0.88	0.70	0.45	0.34	0.14
15	0.46	0.61	0.95	2.7	1.2	1.3	4.3	0.92	0.61	0.45	0.31	0.14
16	0.48	0.62	0.89	1.6	1.4	5.7	2.6	0.85	0.59	0.41	0.29	0.15
17	0.52	0.59	0.83	1.2	1.9	8.2	2.1	0.78	0.49	0.40	0.26	0.16
18	0.51	0.54	0.79	1.0	1.3	3.7	1.6	0.75	0.50	0.85	0.62	0.15
19	0.60	0.54	0.78	1.0	1.2	2.4	1.6	0.73	0.56	0.50	0.37	0.14
20	0.57	0.53	0.68	0.99	1.2	2.0	1.5	1.00	0.57	0.39	0.31	0.14
21	0.55	0.53	0.69	0.93	3.0	1.8	1.4	0.84	0.51	0.36	0.28	0.13
22	0.58	0.53	0.66	0.91	2.8	1.9	1.4	0.74	0.49	0.34	0.26	0.12
23	0.47	0.59	1.9	0.84	1.8	11	1.4	0.73	0.45	0.32	0.28	0.13
24	0.58	0.92	1.2	0.78	9.0	4.1	1.2	0.68	0.42	0.29	0.29	0.12
25	0.52	1.4	0.93	0.85	3.6	2.6	1.2	0.66	0.41	0.29	0.25	0.12
26	0.46	0.80	0.84	0.90	2.2	2.1	1.2	0.65	0.46	0.28	0.24	0.14
27	0.50	0.90	0.74	0.83	1.8	2.0	1.1	0.61	8.8	0.25	0.23	0.16
28	0.59	3.9	0.70	0.79	28	e30	1.1	0.61	8.2	0.69	0.23	0.14
29	0.57	1.4	0.70	0.86	---	8.5	1.1	0.60	1.9	0.88	0.21	0.14
30	0.62	1.0	0.70	1.5	---	3.5	1.2	0.64	0.99	0.93	0.22	0.13
31	0.70	---	0.65	1.5	---	3.2	---	0.63	---	0.95	0.17	---
TOTAL	18.07	31.76	69.95	38.72	81.8	126.1	83.4	25.25	47.01	16.52	10.56	4.23
MEAN	0.58	1.06	2.26	1.25	2.92	4.07	2.78	0.81	1.57	0.53	0.34	0.14
MAX	1.0	5.3	35	11	28	30	21	1.3	8.8	0.95	0.62	0.16
MIN	0.46	0.52	0.65	0.61	1.0	1.3	1.1	0.60	0.41	0.25	0.17	0.12
CFSM	0.16	0.30	0.64	0.35	0.82	1.15	0.78	0.23	0.44	0.15	0.10	0.04
IN.	0.19	0.33	0.73	0.41	0.86	1.32	0.87	0.26	0.49	0.17	0.11	0.04

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2002 - 2005, BY WATER YEAR (WY)

MEAN	0.83	1.92	3.00	1.24	3.16	4.33	4.92	2.94	2.36	1.61	0.58	1.22
MAX	0.97	3.21	5.22	1.64	3.88	7.74	10.8	7.40	4.42	3.92	1.08	2.40
(WY)	(2004)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2004)
MIN	0.58	1.06	1.51	0.83	2.70	1.20	1.20	0.59	1.08	0.37	0.31	0.14
(WY)	(2005)	(2005)	(2004)	(2004)	(2004)	(2004)	(2004)	(2004)	(2004)	(2004)	(2004)	(2005)

SUMMARY STATISTICS

FOR 2004 CALENDAR YEAR

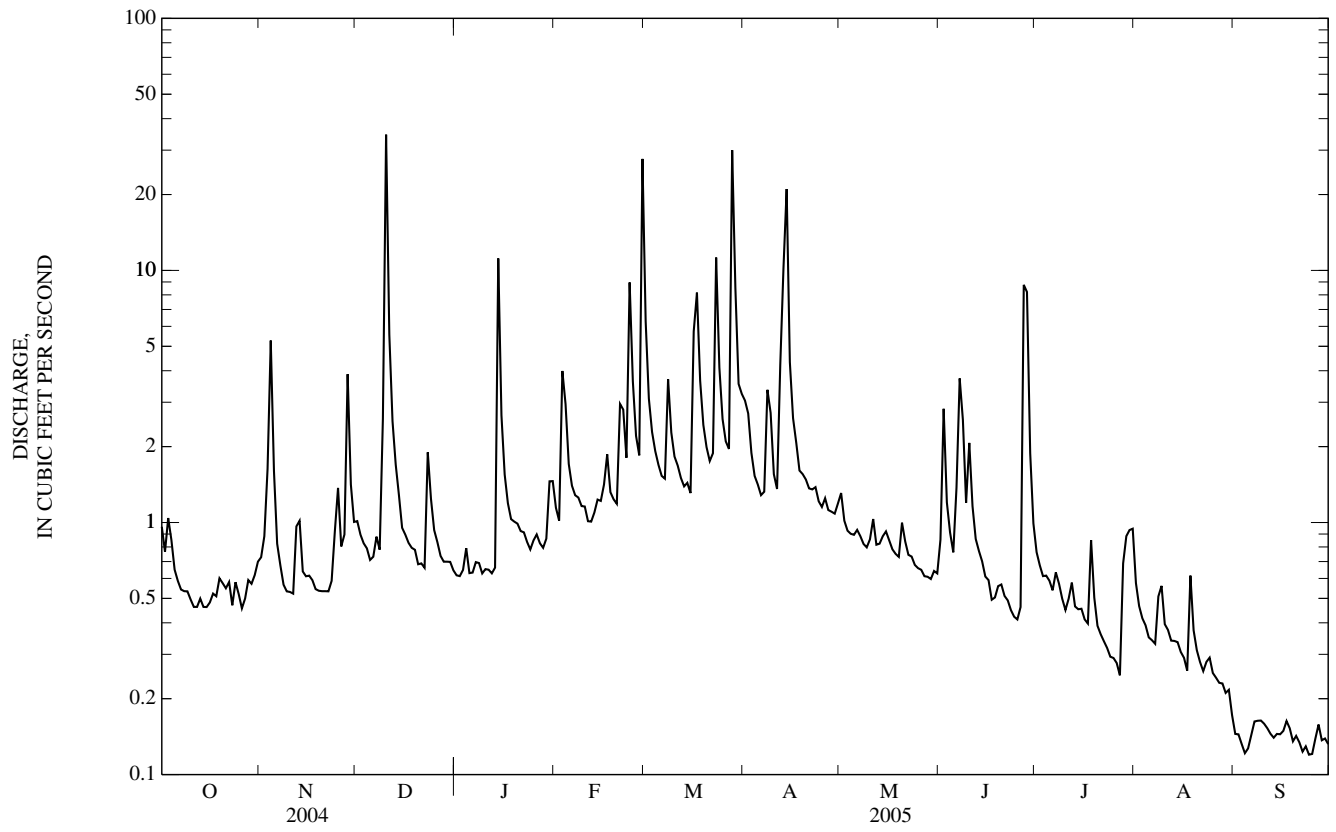
FOR 2005 WATER YEAR

WATER YEARS 2002 - 2005

ANNUAL TOTAL	440.99		553.37		2.33	
ANNUAL MEAN	1.20		1.52		4.27	
HIGHEST ANNUAL MEAN					2003	
LOWEST ANNUAL MEAN					1.21	
HIGHEST DAILY MEAN	35	Dec 10	35	Dec 10	75	May 22, 2003
LOWEST DAILY MEAN	0.10	Jul 25	0.12	Sep 4	0.09	Oct 1, 2002
ANNUAL SEVEN-DAY MINIMUM	0.12	Jul 20	0.13	Sep 19	0.09	Oct 1, 2002
MAXIMUM PEAK FLOW			NOT DETERMINED*		NOT DETERMINED*	
MAXIMUM PEAK STAGE			4.03	Mar 28	9.84	Jul 13, 2003
INSTANTANEOUS LOW FLOW			0.10*	Sep 22	0.08*	Oct 1, 2002
ANNUAL RUNOFF (CFSM)	0.339		0.427		0.657	
ANNUAL RUNOFF (INCHES)	4.62		5.80		8.93	
10 PERCENT EXCEEDS	1.9		2.7		3.9	
50 PERCENT EXCEEDS	0.72		0.78		0.93	
90 PERCENT EXCEEDS	0.19		0.25		0.28	

* See REMARKS.

e Estimated.



0214267600 CRN35

LOCATION.--Lat 35°20'03", long 80°59'12", Gaston County, Hydrologic Unit 03050101, Catawba River at Mountain Island Dam, Mount Holly, NC.

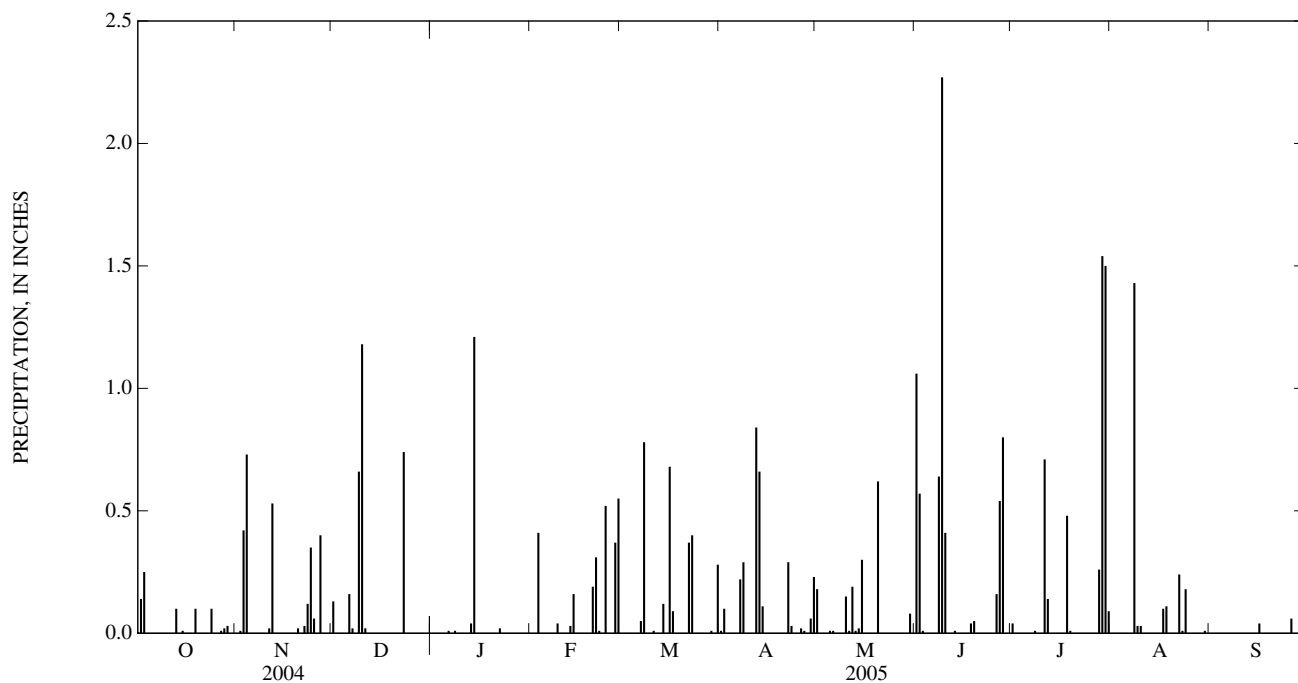
PERIOD OF RECORD.--January 1996 to current year. Records for period January 1996 to September 1998 published in USGS OFR 98-67 and 99-273.

GAGE.--Tipping-bucket raingage and electronic datalogger. Radio telemetry at station.

REMARKS.--Gage is operated as part of Charlotte/Mecklenburg Rainfall Runoff Network. Collection of frozen precipitation during January 2005 is not reflected in daily or monthly totals.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.13	0.00	0.00	0.00	0.01	0.18	1.06	0.04	0.00	0.00
2	0.14	0.01	0.00	0.00	0.00	0.00	0.10	0.00	0.57	0.00	0.00	0.00
3	0.25	0.42	0.00	0.00	0.41	0.00	0.00	0.00	0.01	0.00	0.00	0.00
4	0.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
6	0.00	0.00	0.16	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
7	0.00	0.00	0.02	0.00	0.00	0.05	0.22	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.01	0.00	0.78	0.29	0.00	0.64	0.01	1.43	0.00
9	0.00	0.00	0.66	0.00	0.04	0.00	0.00	0.00	2.27	0.00	0.03	0.00
10	0.00	0.00	1.18	0.00	0.00	0.00	0.00	1.15	0.41	0.00	0.03	0.00
11	0.00	0.02	0.02	0.00	0.00	0.01	0.00	0.01	0.00	0.71	0.00	0.00
12	0.00	0.53	0.00	0.00	0.00	0.00	0.84	0.19	0.00	0.14	0.00	0.00
13	0.10	0.00	0.00	0.04	0.03	0.00	0.66	0.01	0.01	0.00	0.00	0.00
14	0.00	0.00	0.00	1.21	0.16	0.12	0.11	0.02	0.00	0.00	0.00	0.00
15	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.68	0.00	0.00	0.00	0.00	0.00	0.04
17	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.10	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.48	0.11	0.00
19	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.01	0.00	0.00
20	0.00	0.02	0.00	0.00	0.19	0.00	0.00	0.62	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.03	0.00	0.02	0.01	0.37	0.29	0.00	0.00	0.00	0.24	0.00
23	0.00	0.12	0.74	0.00	0.00	0.40	0.03	0.00	0.00	0.00	0.01	0.00
24	0.10	0.35	0.00	0.00	0.52	0.00	0.00	0.00	0.00	0.00	0.18	0.00
25	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	---	0.02	0.00	0.16	0.00	0.00	0.06
27	0.01	0.40	0.00	0.00	0.37	---	0.01	0.00	0.54	0.00	0.00	0.00
28	0.02	0.00	0.00	0.00	0.55	---	0.00	0.00	0.80	0.26	0.00	0.00
29	0.03	0.00	0.00	---	---	0.01	0.06	0.00	0.00	1.54	0.00	0.00
30	0.00	0.00	0.00	---	---	0.00	0.23	0.08	0.00	1.50	0.01	0.00
31	0.00	---	0.00	0.00	---	0.28	---	0.00	---	0.09	0.00	---
TOTAL	0.76	2.69	2.91	---	2.59	---	2.87	1.58	6.56	4.78	2.14	0.10



0214269560 KILLIAN CREEK NEAR MARIPOSA, NC

LOCATION.--Lat 35°26'03", long 81°01'48", Lincoln County, Hydrologic Unit 03050101, on right bank, 1,000 ft upstream from Forney Creek, 1.5 mi northwest of Lowesville, 1.7 mi upstream from bridge on Secondary Road 1511, and 2.4 mi northeast of Mariposa.

DRAINAGE AREA.--36.4 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.-- October 1990 to June 1993, December 1994 to current year.

GAGE.--Water-stage recorder and concrete control. Datum of gage is 642.20 ft above North American Vertical Datum of 1988, from levels. Satellite telemetry at station.

REMARKS.--Records fair except those for estimated daily discharges, which are poor. Station was established to study low-flow conditions for Duke Power Co., no structure exists near the site for measuring high-stage flow; therefore, a peak flow was not determined to coincide with the peak stage for the year. Missing values on the daily values table are days when the flow exceeded the rating. Minimum discharge for current water year also occurred Sept. 21, 22, 24-26. Minimum discharges may be affected by diversions by Duke Power. No flow also occurred Aug. 14, Sept. 10-13, 2002.

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	31	15	27	25	25	---	45	30	24	14	28	6.5
2	28	15	24	25	24	52	44	25	57	13	18	6.2
3	29	19	23	24	41	e44	37	24	34	15	15	5.8
4	28	---	22	24	42	e38	35	23	29	---	13	5.5
5	23	---	22	24	32	36	33	23	25	21	12	5.4
6	21	34	23	24	29	33	32	24	23	18	12	5.2
7	20	28	29	23	28	32	33	23	22	---	12	5.2
8	19	25	24	24	27	51	35	23	22	43	13	5.1
9	18	23	---	22	26	40	32	22	21	22	21	5.0
10	18	22	---	22	26	35	30	22	29	18	---	4.8
11	17	21	---	22	24	33	29	26	27	18	18	4.6
12	17	35	60	21	24	34	32	22	21	20	13	4.5
13	19	40	46	22	24	39	47	25	21	19	12	4.4
14	18	28	39	---	27	37	---	44	19	42	12	4.4
15	16	26	35	52	25	30	51	30	18	24	11	4.5
16	15	24	32	38	24	44	40	27	16	20	9.8	4.5
17	14	23	31	33	24	56	35	24	16	19	9.1	4.9
18	14	23	32	30	22	46	34	22	15	17	12	4.6
19	15	22	32	29	22	39	32	23	20	16	12	4.3
20	17	22	28	28	23	35	32	50	18	14	10	4.1
21	15	21	29	28	36	33	29	32	17	13	9.1	4.1
22	15	21	28	26	36	33	29	26	16	13	8.6	4.2
23	15	23	66	25	28	56	31	25	15	13	9.1	4.5
24	16	29	49	25	47	43	28	23	14	12	9.5	4.2
25	15	41	36	25	38	37	27	21	14	12	8.6	4.0
26	15	28	32	24	32	34	27	18	14	13	8.0	4.3
27	15	26	29	23	30	34	27	20	14	13	7.8	4.9
28	15	32	28	22	---	---	26	20	18	15	7.9	4.7
29	16	26	27	23	---	---	25	19	18	24	7.5	4.7
30	15	25	27	30	---	66	27	20	16	35	7.4	4.4
31	15	---	26	29	---	51	---	20	---	30	7.1	---

SUMMARY STATISTICS

FOR 2004 CALENDAR YEAR

FOR 2005 WATER YEAR

WATER YEARS 1991 - 2005[@]

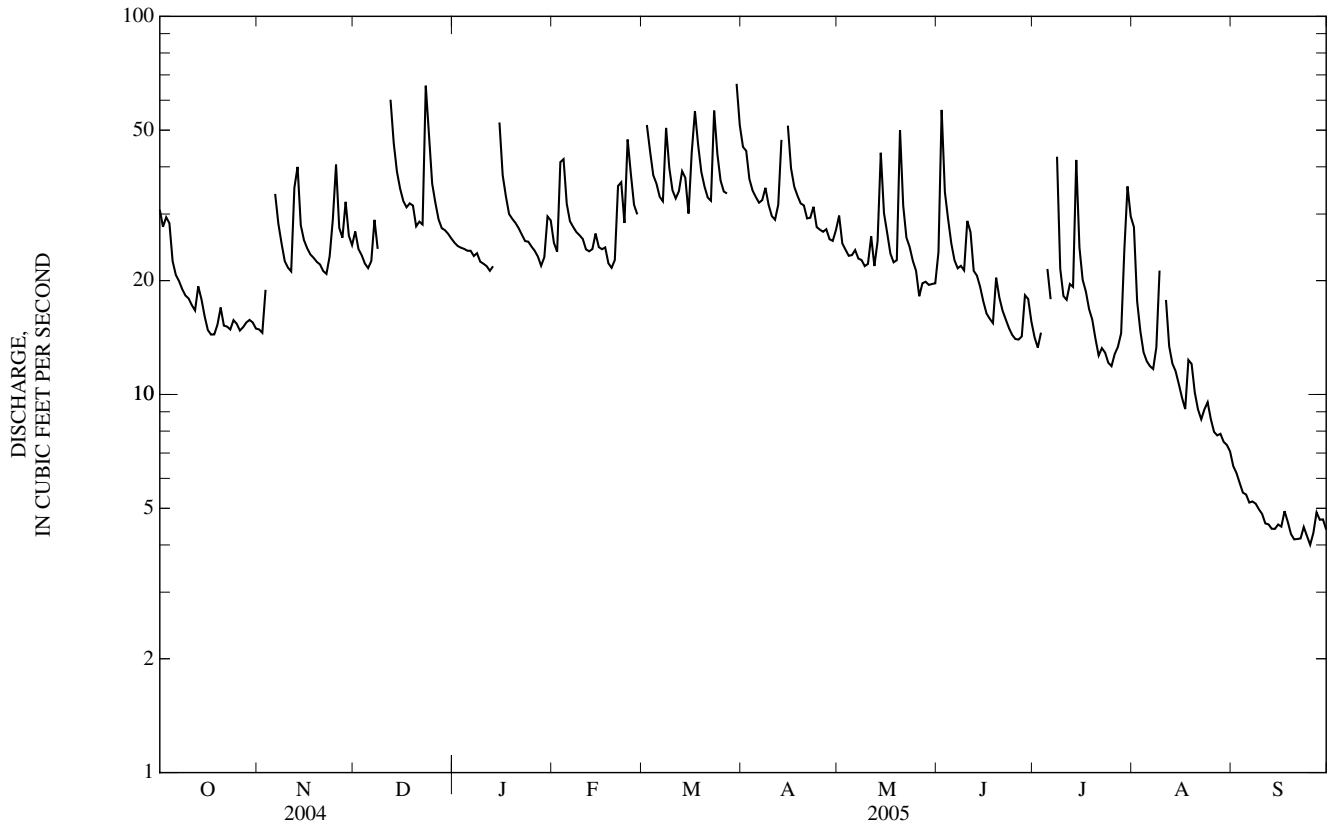
LOWEST DAILY MEAN	7.0	Aug 11	4.0	Sep 25	0.00	Aug 13, 2002
ANNUAL SEVEN-DAY MINIMUM	7.9	Aug 5	4.2	Sep 19	0.03	Sep 7, 2002
MAXIMUM PEAK STAGE			11.62	Mar 28	15.25	Apr 29, 1997
INSTANTANEOUS LOW FLOW			4.0*	Sep 20	0.00*	Aug 13, 2002

[@] See PERIOD OF RECORD.

* See REMARKS.

e Estimated.

0214269560 KILLIAN CREEK NEAR MARIPOSA, NC—Continued



PRECIPITATION RECORDS

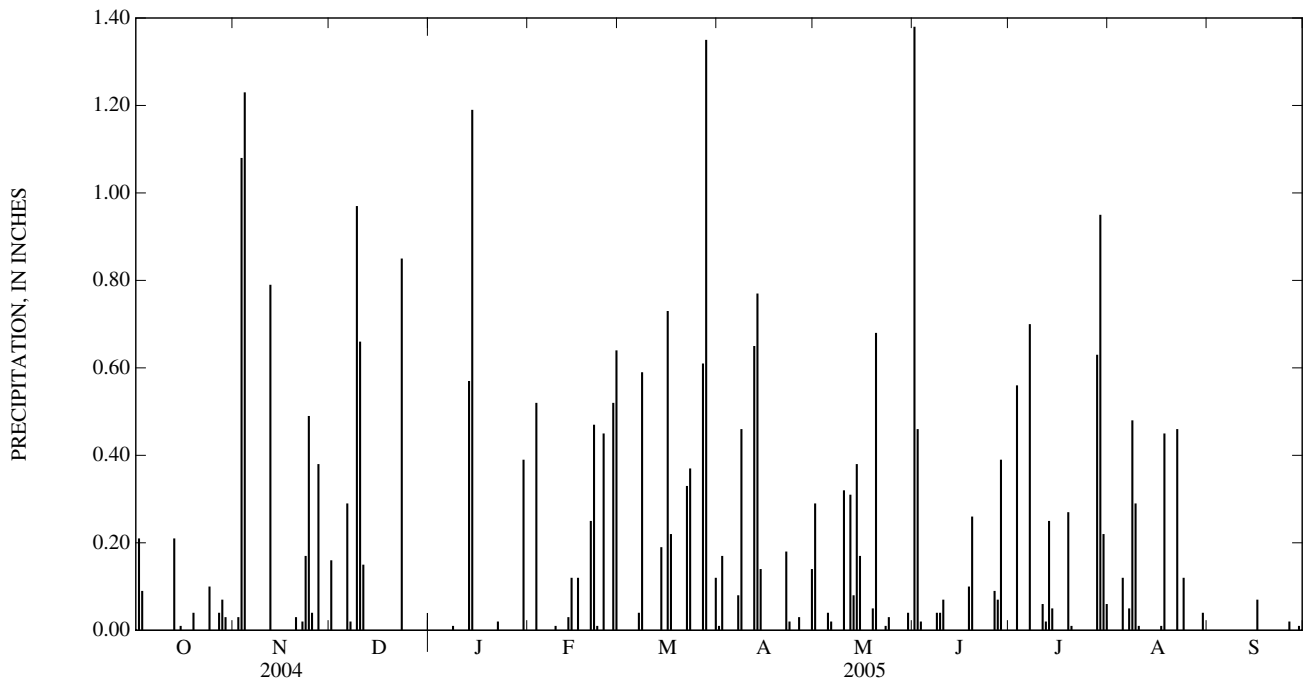
PERIOD OF RECORD.--June 2004 to current year.

GAGE.--Tipping-bucket raingage and electronic datalogger. Satellite telemetry at station.

REMARKS.--Precipitation data collected during freezing periods may not be accurately reflected in daily record; consequently, winter record is poor.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.16	0.00	0.00	0.00	0.01	0.29	1.38	0.00	0.00	0.00
2	0.21	0.03	0.00	0.00	0.00	0.00	0.17	0.00	0.46	0.00	0.00	0.00
3	0.09	1.08	0.00	0.00	0.52	---	0.00	0.00	0.02	0.56	0.00	0.00
4	0.00	1.23	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.12	0.00
6	0.00	0.00	0.29	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00
7	0.00	0.00	0.02	0.00	0.00	0.04	0.08	0.00	0.00	0.70	0.05	0.00
8	0.00	0.00	0.00	0.01	0.00	0.59	0.46	0.00	0.04	0.00	0.48	0.00
9	0.00	0.00	0.97	0.00	0.01	0.00	0.00	0.00	0.04	0.00	0.29	0.00
10	0.00	0.00	0.66	0.00	0.00	0.00	0.00	0.32	0.07	0.00	0.01	0.00
11	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00
12	0.00	0.79	0.00	0.00	0.00	0.00	0.65	0.31	0.00	0.02	0.00	0.00
13	0.21	0.00	0.00	0.57	0.03	0.00	0.77	0.08	0.00	0.25	0.00	0.00
14	0.00	0.00	0.00	1.19	0.12	0.19	0.14	0.38	0.00	0.05	0.00	0.00
15	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.12	0.73	0.00	0.00	0.00	0.00	0.00	0.07
17	0.00	0.00	0.00	0.00	0.00	0.22	0.00	0.00	0.00	0.00	0.01	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.45	0.00
19	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.26	0.27	0.00	0.00
20	0.00	0.03	0.00	0.00	0.25	0.00	0.00	0.68	0.00	0.01	0.00	0.00
21	0.00	0.00	0.00	0.00	0.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.02	0.00	0.02	0.01	0.33	0.18	0.00	0.00	0.00	0.46	0.00
23	0.00	0.17	0.85	0.00	0.00	0.37	0.02	0.01	0.00	0.00	0.00	0.00
24	0.10	0.49	0.00	0.00	0.45	0.00	0.00	0.03	0.00	0.00	0.12	0.00
25	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.09	0.00	0.00	0.02
27	0.04	0.38	0.00	0.00	0.52	0.61	0.00	0.00	0.07	0.00	0.00	0.00
28	0.07	0.00	0.00	0.00	0.64	1.35	0.00	0.00	0.39	0.63	0.00	0.00
29	0.03	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.95	0.00	0.01
30	0.00	0.00	0.00	0.39	---	0.00	0.14	0.04	0.00	0.22	0.04	0.00
31	0.00	---	0.00	0.00	---	0.12	---	0.00	---	0.06	0.00	---
TOTAL	0.80	4.26	3.10	2.18	3.14	---	2.65	2.42	2.92	3.78	2.03	0.10



02142900 LONG CREEK NEAR PAW CREEK, NC

LOCATION.--Lat 35°19'43", long 80°54'35", Mecklenburg County, Hydrologic Unit 03050101, on right bank at upstream side of bridge on Secondary Road 2042, 600 ft downstream of McIntyre Creek, 1.2 mi upstream from Gutter Branch, and 3.6 mi north of Paw Creek.

DRAINAGE AREA.--16.4 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--June 1965 to current year.

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

GAGE.--Water-stage recorder, crest-stage gage and concrete control. Datum of gage is 647.69 ft above North American Vertical Datum of 1988. Radio telemetry at station.

REMARKS.--Records fair except those for estimated daily discharges, which are poor. Frequent diversions during summer months for irrigation by upstream golf course. Minimum discharge for period of record based on discharge measurement made Aug. 15, 2002, and may be lower.

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	9.1	4.7	9.7	5.5	6.7	29	27	20	11	8.0	12	1.9
2	7.4	4.7	7.5	5.4	5.8	15	18	8.9	103	6.7	6.2	1.7
3	35	5.5	6.2	5.6	43	10	14	6.3	22	4.8	4.4	1.6
4	14	81	5.6	5.5	17	8.4	11	5.7	11	9.3	3.7	1.6
5	7.6	17	5.2	5.5	9.7	7.4	9.6	5.6	7.1	4.2	3.3	1.5
6	5.9	8.6	5.8	5.6	7.9	6.5	9.0	6.8	24	6.0	3.1	1.6
7	6.1	6.5	13	5.3	7.7	6.2	8.9	5.9	67	18	3.2	1.4
8	5.7	5.8	6.5	5.1	7.0	75	24	5.3	44	12	25	1.7
9	5.6	5.2	29	5.0	6.5	23	24	4.8	e180	4.9	27	1.5
10	5.9	5.0	256	6.3	6.4	12	10	8.5	139	3.7	8.2	1.5
11	5.1	5.1	26	5.3	5.4	8.9	8.9	16	31	18	5.2	1.4
12	4.8	18	15	5.1	5.2	7.6	63	6.0	14	18	3.5	1.6
13	6.4	13	11	4.9	5.0	6.7	94	5.0	9.4	9.7	4.0	1.2
14	5.1	5.9	8.9	135	10	11	128	5.1	7.3	4.6	16	1.2
15	4.2	5.0	7.8	16	9.0	8.1	25	7.3	5.8	3.5	7.9	1.2
16	3.7	5.0	7.7	9.9	8.3	54	15	6.1	4.6	3.1	3.3	1.1
17	3.6	4.6	7.6	7.7	12	58	12	4.5	3.9	2.8	2.6	1.2
18	3.8	4.5	7.0	6.3	6.0	25	11	4.2	3.5	3.3	5.8	1.1
19	3.9	4.4	6.5	5.9	5.1	14	9.4	4.0	6.8	4.0	3.3	1.1
20	4.4	4.4	5.7	6.2	5.4	10	8.9	18	6.1	2.4	2.7	1.0
21	5.2	4.6	5.9	5.9	28	8.6	8.0	8.8	3.8	2.2	2.4	1.0
22	5.7	4.4	5.9	5.5	15	11	7.7	4.7	3.4	6.7	2.2	0.83
23	5.2	6.9	33	5.0	8.7	87	12	4.2	3.1	4.0	3.5	0.72
24	7.4	35	14	4.6	46	29	7.7	3.9	2.7	2.3	6.0	0.73
25	6.0	24	8.9	5.0	15	15	6.7	3.4	2.9	1.8	2.7	0.75
26	5.0	9.2	7.3	5.1	8.9	11	6.2	3.7	16	1.7	2.2	0.80
27	5.0	20	6.7	4.6	7.7	9.4	6.2	3.7	204	1.6	3.5	0.84
28	6.9	48	5.9	4.1	183	445	6.0	3.6	170	e9.9	2.6	0.93
29	6.9	11	6.0	4.6	---	44	5.8	3.8	27	e83	2.0	0.75
30	5.9	8.4	5.9	23	---	23	8.4	3.9	12	42	2.0	0.62
31	5.1	---	5.7	12	---	28	---	4.2	---	49	2.6	---
TOTAL	211.6	385.4	552.9	336.5	501.4	1,106.8	605.4	201.9	1,145.4	351.2	182.1	36.07
MEAN	6.83	12.8	17.8	10.9	17.9	35.7	20.2	6.51	38.2	11.3	5.87	1.20
MAX	35	81	256	135	183	445	128	20	204	83	27	1.9
MIN	3.6	4.4	5.2	4.1	5.0	6.2	5.8	3.4	2.7	1.6	2.0	0.62
CFSM	0.42	0.78	1.09	0.66	1.09	2.18	1.23	0.40	2.33	0.69	0.36	0.07
IN.	0.48	0.87	1.25	0.76	1.14	2.51	1.37	0.46	2.60	0.80	0.41	0.08

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1965 - 2005, BY WATER YEAR (WY)

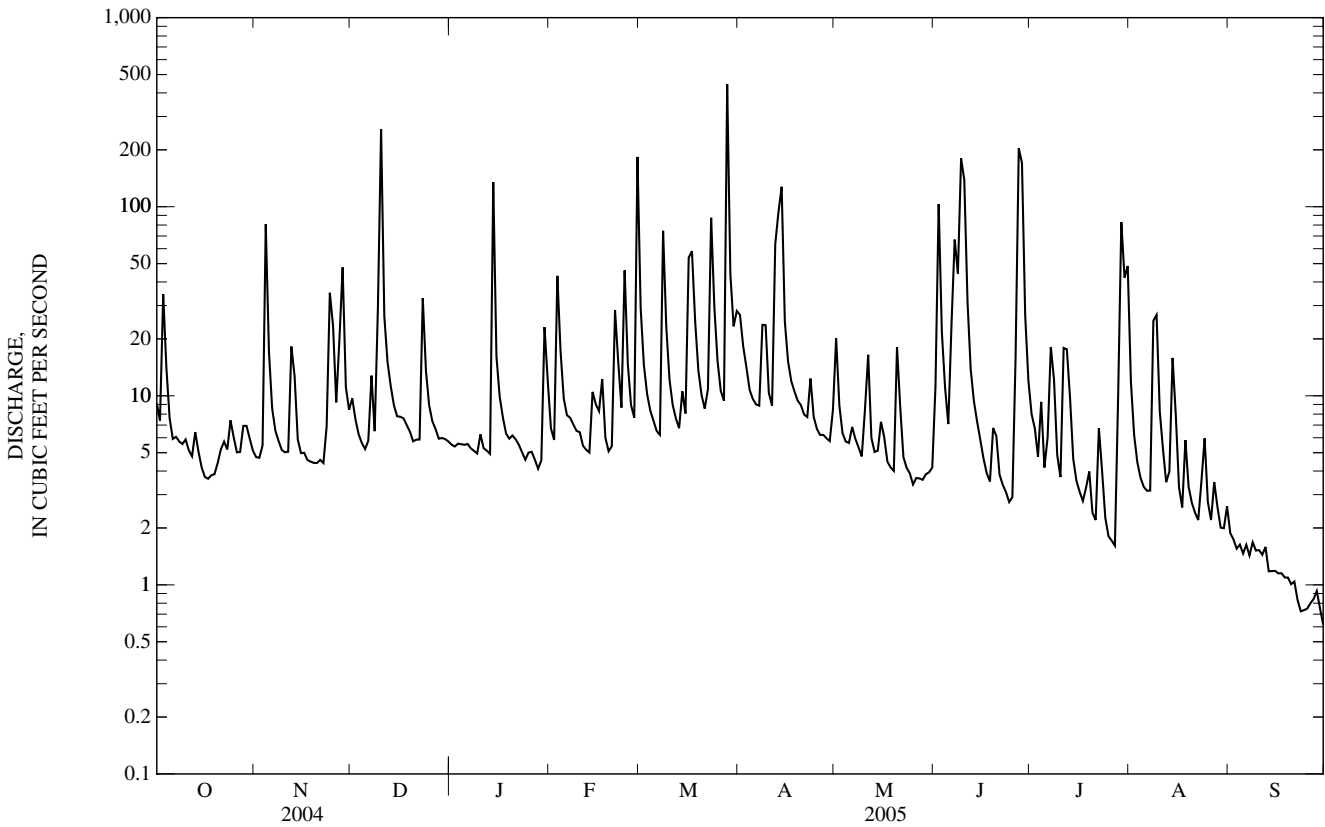
MEAN	13.6	14.0	18.8	28.1	32.3	34.7	20.9	16.5	13.3	9.18	9.56	9.49
MAX	70.8	91.3	59.5	74.4	78.4	86.8	87.6	101	66.5	58.4	59.0	66.2
(WY)	(1991)	(1986)	(1984)	(1993)	(1979)	(1993)	(2003)	(1975)	(1982)	(1997)	(1967)	(2004)
MIN	1.16	1.39	2.53	4.04	6.42	8.31	4.38	3.60	1.68	1.08	1.07	1.20
(WY)	(2002)	(2002)	(1966)	(1981)	(2002)	(1999)	(1967)	(1981)	(1986)	(1986)	(2001)	(2005)

02142900 LONG CREEK NEAR PAW CREEK, NC—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1965 - 2005	
ANNUAL TOTAL	6,389.0		5,616.67		18.4	
ANNUAL MEAN	17.5		15.4		40.8	
HIGHEST ANNUAL MEAN					6.45	2003
LOWEST ANNUAL MEAN					1,600	Oct 9, 1976
HIGHEST DAILY MEAN	772	Sep 28	445	Mar 28	0.06	Aug 9, 2002
LOWEST DAILY MEAN	1.3	Jul 16	0.62	Sep 30	0.03	Aug 14, 2002
ANNUAL SEVEN-DAY MINIMUM	3.0	Jul 20	0.77	Sep 24	0.06	Aug 9, 2002
MAXIMUM PEAK FLOW			1,380	Mar 28	4,300	Jun 18, 1982
MAXIMUM PEAK STAGE			10.54	Mar 28	13.45	Jul 23, 1997
INSTANTANEOUS LOW FLOW			0.57	Sep 30	0.03*	Aug 15, 2002
ANNUAL RUNOFF (CFSM)	1.06		0.938		1.12	
ANNUAL RUNOFF (INCHES)	14.49		12.74		15.25	
10 PERCENT EXCEEDS	33		27		30	
50 PERCENT EXCEEDS	5.8		6.1		6.5	
90 PERCENT EXCEEDS	3.0		2.2		1.8	

* See REMARKS.

e Estimated.



02142900 LONG CREEK NEAR PAW CREEK, NC—Continued

PRECIPITATION RECORDS

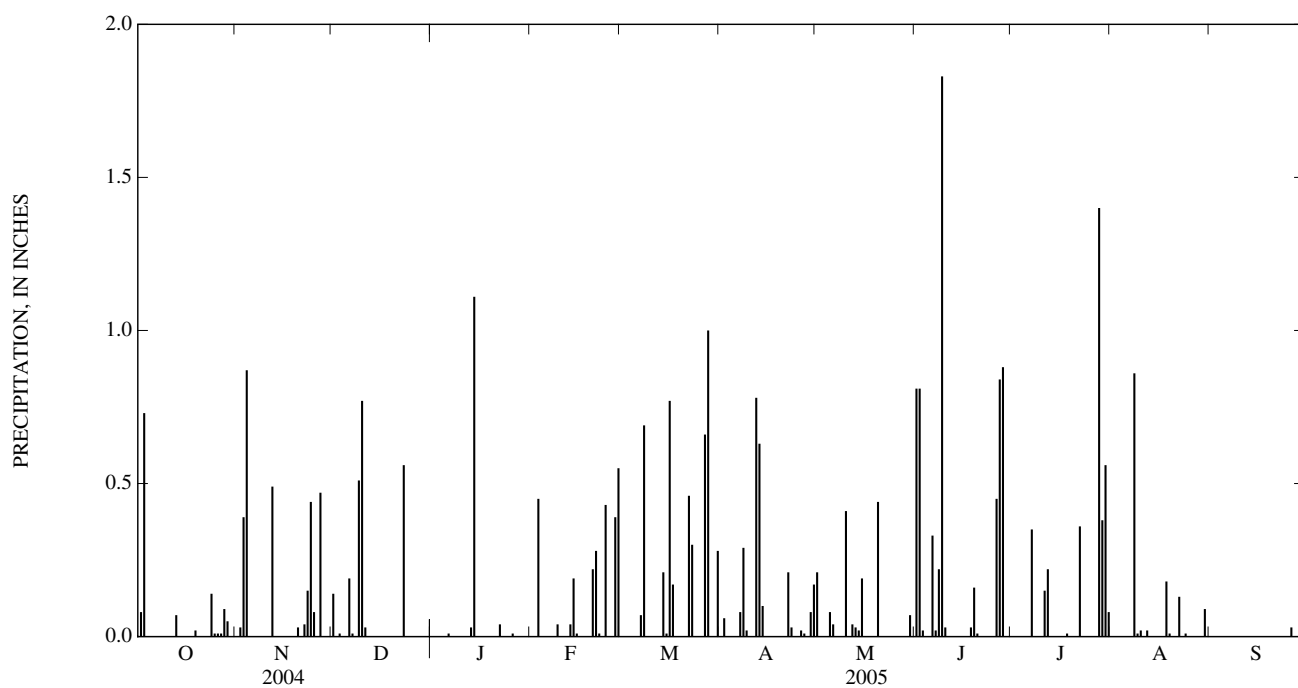
PERIOD OF RECORD.--March 1993 to current year. Records for period March 1993 to September 1998 published in USGS OFR 96-150, 98-67, and 99-273.

GAGE.--Tipping-bucket raingage and electronic datalogger. Radio telemetry at station.

REMARKS.--Gage is operated as part of Charlotte/Mecklenburg Rainfall Runoff Network. Collection of frozen precipitation during January 2005 is not reflected in daily or monthly totals.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.21	0.81	0.00	0.00	0.00
2	0.08	0.03	0.00	0.00	0.00	0.00	0.06	0.00	0.81	0.00	0.00	0.00
3	0.73	0.39	0.01	0.00	0.45	0.00	0.00	0.00	0.02	0.00	0.00	0.00
4	0.00	0.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00
6	0.00	0.00	0.19	0.01	0.00	0.00	0.00	0.04	0.33	0.00	0.00	0.00
7	0.00	0.00	0.01	0.00	0.00	0.07	0.08	0.00	0.02	0.35	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.69	0.29	0.00	0.22	0.00	0.86	0.00
9	0.00	0.00	0.51	0.00	0.04	0.00	0.02	0.00	1.83	0.00	0.01	0.00
10	0.00	0.00	0.77	0.00	0.00	0.00	0.00	0.41	0.03	0.00	0.02	0.00
11	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.00	0.00
12	0.00	0.49	0.00	0.00	0.00	0.00	0.78	0.04	0.00	0.22	0.02	0.00
13	0.07	0.00	0.00	0.03	0.04	0.00	0.63	0.03	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	1.11	0.19	0.21	0.10	0.02	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.19	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.77	0.00	0.00	0.00	0.00	0.00	---
17	0.00	0.00	0.00	0.00	0.00	0.17	0.00	0.00	0.00	0.00	0.00	---
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.01	0.18	---
19	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.01	---
20	0.00	0.03	0.00	0.00	0.22	0.00	0.00	0.44	0.01	0.00	0.00	---
21	0.00	0.00	0.00	0.00	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.04	0.00	0.04	0.01	0.46	0.21	0.00	0.00	0.36	0.13	0.00
23	0.00	0.15	0.56	0.00	0.00	0.30	0.03	0.00	0.00	0.00	0.00	0.00
24	0.14	0.44	0.00	0.00	0.43	0.00	0.00	0.00	0.00	0.00	0.01	0.00
25	0.01	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.01	0.00	0.00	0.01	0.00	0.00	0.02	0.00	0.45	0.00	0.00	0.03
27	0.01	0.47	0.00	0.00	0.39	0.66	0.01	0.00	0.84	0.00	0.00	0.00
28	0.09	0.00	0.00	0.00	0.55	1.00	0.00	0.00	0.88	1.40	0.00	0.00
29	0.05	0.00	0.00	---	---	0.00	0.08	0.00	0.00	0.38	0.00	0.00
30	0.00	0.00	0.00	---	---	0.00	0.17	0.07	0.00	0.56	0.09	0.00
31	0.00	---	0.00	0.00	---	0.28	---	0.00	---	0.08	0.00	---
TOTAL	1.21	2.99	2.22	---	2.61	4.62	2.48	1.53	6.44	3.51	1.33	---



02142914 GUM BRANCH NEAR THRIFT, NC

LOCATION.--Lat 35°17'58", long 80°56'47", Mecklenburg County, Hydrologic Unit 03050101, on left wingwall on downstream side of bridge on Secondary Road 1775, 0.6 mi upstream from mouth and 1.7 mi northwest of Thrift, NC.

DRAINAGE AREA.--4.90 mi².

PERIOD OF RECORD.--May 2004 to September 2005

GAGE.--Water-stage recorder crest-stage gage. Datum of gage is 630.77 ft, above North American Vertical Datum of 1988. Radio telemetry at station.

REMARKS.--Records good except those for estimated daily discharges, which are poor. Maximum discharge for 2004 and 2005 water years from rating curve extended above 350 ft³/s. Minimum discharge for period of record and current water year also occurred on Sept. 30, 2005.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	e5.1	0.54	1.1	2.6	0.96
2	---	---	---	---	---	---	---	e7.1	0.41	1.1	4.2	0.78
3	---	---	---	---	---	---	---	e6.8	0.41	0.98	2.4	0.72
4	---	---	---	---	---	---	---	e2.8	0.50	0.94	1.0	0.85
5	---	---	---	---	---	---	---	1.2	0.49	2.3	1.00	0.93
6	---	---	---	---	---	---	---	1.1	0.43	1.6	0.89	1.1
7	---	---	---	---	---	---	---	1.0	0.53	0.81	0.81	84
8	---	---	---	---	---	---	---	1.2	0.61	0.72	0.81	88
9	---	---	---	---	---	---	---	2.3	0.54	0.73	0.81	5.1
10	---	---	---	---	---	---	---	2.0	0.54	0.72	0.82	1.8
11	---	---	---	---	---	---	---	1.0	0.47	0.92	1.2	1.5
12	---	---	---	---	---	---	---	0.92	0.41	0.72	21	1.3
13	---	---	---	---	---	---	---	0.92	0.61	0.75	9.0	1.2
14	---	---	---	---	---	---	---	0.89	42	0.72	47	1.2
15	---	---	---	---	---	---	---	0.86	6.5	0.69	4.5	1.1
16	---	---	---	---	---	---	---	0.81	2.1	0.70	2.1	1.1
17	---	---	---	---	---	---	---	0.84	1.1	5.2	1.4	29
18	---	---	---	---	---	---	---	0.74	0.79	6.4	1.3	4.1
19	---	---	---	---	---	---	---	0.65	0.70	0.76	1.1	1.5
20	---	---	---	---	---	---	---	0.63	0.64	0.63	1.0	1.1
21	---	---	---	---	---	---	---	0.63	63	0.63	1.7	1.1
22	---	---	---	---	---	---	---	0.62	2.6	0.63	1.3	1.1
23	---	---	---	---	---	---	---	0.60	19	0.69	0.91	1.1
24	---	---	---	---	---	---	---	0.56	7.5	0.71	0.92	1.0
25	---	---	---	---	---	---	---	0.57	61	0.69	0.92	1.0
26	---	---	---	---	---	---	---	0.63	28	0.76	1.0	1.0
27	---	---	---	---	---	---	---	0.70	3.4	21	1.1	24
28	---	---	---	---	---	---	---	0.55	2.0	21	1.1	93
29	---	---	---	---	---	---	---	0.55	1.4	28	1.5	5.7
30	---	---	---	---	---	---	---	0.47	1.2	4.3	2.0	3.4
31	---	---	---	---	---	---	---	1.6	---	1.6	2.9	---
TOTAL	---	---	---	---	---	---	---	46.34	249.42	108.50	120.29	359.74
MEAN	---	---	---	---	---	---	---	1.49	8.31	3.50	3.88	12.0
MAX	---	---	---	---	---	---	---	7.1	63	28	47	93
MIN	---	---	---	---	---	---	---	0.47	0.41	0.63	0.81	0.72
CFSM	---	---	---	---	---	---	---	0.31	1.70	0.71	0.79	2.45
IN.	---	---	---	---	---	---	---	0.35	1.89	0.82	0.91	2.73

SUMMARY STATISTICS

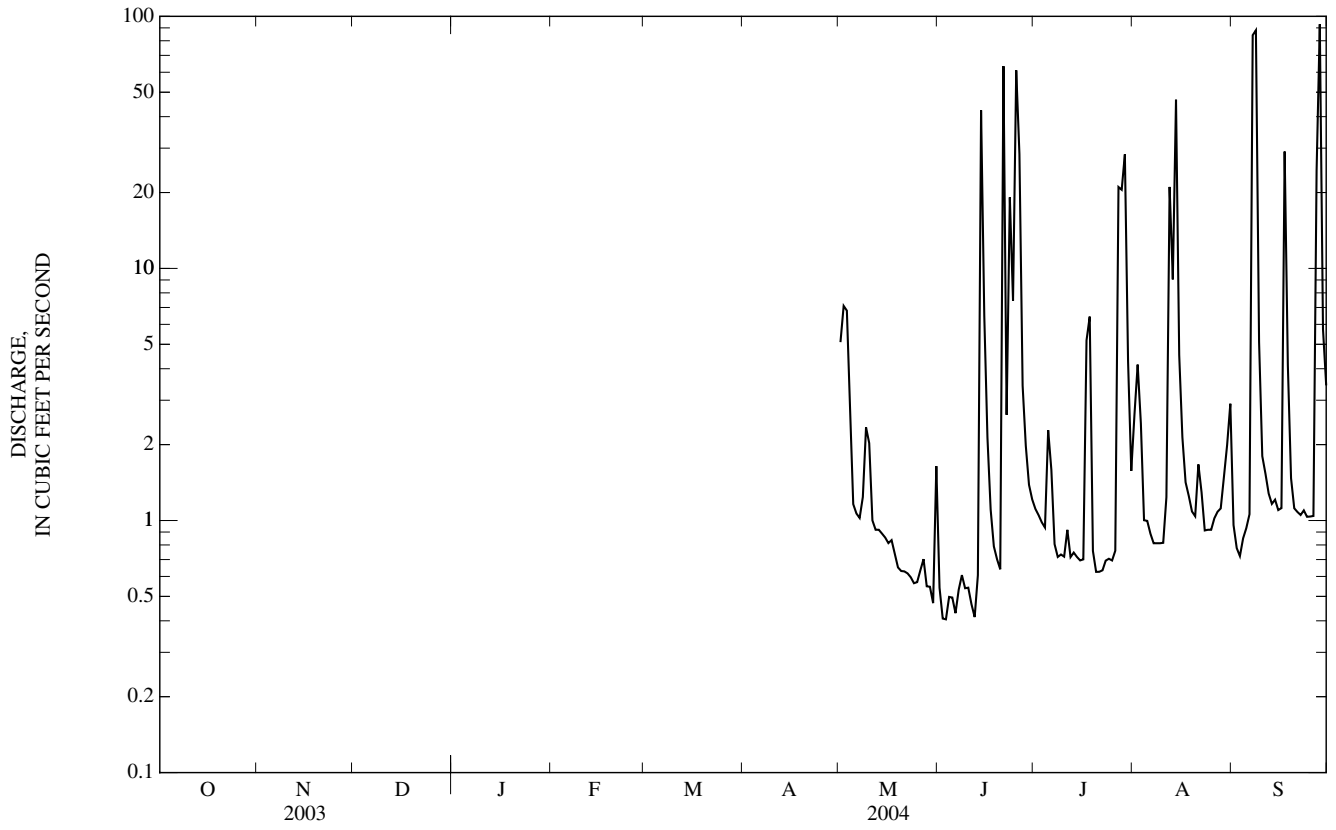
FOR 2004 WATER YEAR

ANNUAL TOTAL	884.29
ANNUAL MEAN	5.78
HIGHEST DAILY MEAN	93 Sep 28
LOWEST DAILY MEAN	0.41 Jun 2
ANNUAL SEVEN-DAY MINIMUM	0.47 Jun 1
MAXIMUM PEAK FLOW	622* Sep 8
MAXIMUM PEAK STAGE	7.48 Sep 8
INSTANTANEOUS LOW FLOW	0.34 Jun 4
ANNUAL RUNOFF (CFSM)	1.18
ANNUAL RUNOFF (INCHES)	6.71
10 PERCENT EXCEEDS	15
50 PERCENT EXCEEDS	1.0
90 PERCENT EXCEEDS	0.56

* See REMARKS.

e Estimated.

02142914 GUM BRANCH NEAR THRIFT, NC—Continued



02142914 GUM BRANCH NEAR THRIFT, NC—Continued

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	e2.9	1.8	e3.1	1.2	2.1	7.6	5.9	4.2	4.5	1.3	1.7	0.65
2	e2.8	2.0	2.7	1.2	1.8	4.2	5.0	1.8	27	1.1	1.1	0.71
3	e13	2.6	2.5	1.2	19	3.2	3.6	1.5	3.0	0.99	0.90	0.84
4	e5.5	20	2.2	1.2	5.8	2.8	3.1	1.4	1.6	0.92	0.89	0.95
5	e2.9	4.6	2.2	1.2	3.3	2.4	2.8	1.4	1.2	0.91	0.87	1.3
6	e2.4	2.5	2.7	1.3	2.4	2.2	2.6	1.5	1.1	0.87	0.92	1.3
7	e2.3	2.2	3.7	1.3	2.1	2.0	2.7	1.4	1.0	3.0	1.0	1.5
8	e2.2	2.0	2.5	1.3	2.0	30	4.2	1.3	2.3	1.4	103	1.2
9	2.2	2.1	10	1.1	1.8	5.7	3.0	1.3	86	0.94	12	1.2
10	2.2	2.0	67	1.1	1.9	3.7	2.3	4.6	9.4	0.82	1.8	1.3
11	2.2	2.1	5.6	1.2	1.7	3.0	2.2	4.1	1.9	0.95	1.1	1.1
12	2.1	6.1	3.1	1.2	1.6	2.6	22	1.8	1.2	1.9	1.7	1.0
13	2.8	3.6	2.5	1.2	1.5	2.3	28	1.8	1.0	1.8	1.3	1.00
14	2.4	2.2	2.1	41	2.7	3.7	41	1.6	0.90	0.89	0.79	0.96
15	2.2	2.0	1.8	4.9	2.1	2.4	6.6	1.8	0.79	0.91	0.78	0.94
16	2.2	2.0	1.7	3.1	1.8	23	4.2	1.5	0.72	0.92	0.71	0.81
17	2.2	2.0	1.7	2.5	1.7	25	3.4	1.3	0.67	0.93	1.7	1.4
18	2.0	2.1	1.6	2.0	1.5	6.6	3.0	1.3	0.69	0.93	0.72	1.1
19	2.0	2.1	1.5	1.8	1.5	4.2	2.7	1.4	24	0.94	0.72	0.87
20	2.1	2.2	1.5	1.8	1.7	3.4	2.4	4.4	2.8	0.95	0.72	0.69
21	1.8	2.4	1.5	1.6	9.1	3.0	2.2	1.6	1.2	1.0	0.71	0.72
22	1.9	2.5	1.4	1.6	3.9	9.0	2.8	1.3	0.89	1.8	0.71	0.65
23	1.7	3.2	11	1.5	2.4	32	2.6	1.3	0.77	1.0	0.88	0.58
24	2.1	14	3.2	1.4	17	6.9	1.9	1.2	0.71	0.71	e0.82	0.50
25	1.8	7.4	2.0	1.5	4.4	4.3	1.8	1.2	0.65	0.71	0.82	0.42
26	e1.8	3.0	1.6	1.5	2.9	3.6	1.8	1.1	1.4	0.80	0.80	0.41
27	e1.8	7.7	1.4	1.4	2.9	4.9	1.8	1.1	13	0.83	0.83	0.43
28	1.7	11	1.3	1.3	52	154	1.7	0.99	39	12	0.81	0.41
29	1.9	3.8	1.3	1.5	---	11	1.7	0.82	4.1	16	0.67	0.32
30	1.8	e2.9	1.3	6.7	---	5.6	2.8	0.93	1.7	23	0.66	0.28
31	1.8	---	1.3	3.4	---	10	---	0.91	---	7.2	0.68	---
TOTAL	80.7	126.1	149.0	96.2	154.6	384.3	171.8	53.85	235.19	88.42	142.81	25.54
MEAN	2.60	4.20	4.81	3.10	5.52	12.4	5.73	1.74	7.84	2.85	4.61	0.85
MAX	13	20	67	41	52	154	41	4.6	86	23	103	1.5
MIN	1.7	1.8	1.3	1.1	1.5	2.0	1.7	0.82	0.65	0.71	0.66	0.28
CFSM	0.53	0.86	0.98	0.63	1.13	2.53	1.17	0.35	1.60	0.58	0.94	0.17
IN.	0.61	0.96	1.13	0.73	1.17	2.92	1.30	0.41	1.79	0.67	1.08	0.19

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2004 - 2005, BY WATER YEAR (WY)

MEAN	2.60	4.20	4.81	3.10	5.52	12.4	5.73	1.62	8.08	3.18	4.24	6.42
MAX	2.60	4.20	4.81	3.10	5.52	12.4	5.73	1.74	8.31	3.50	4.61	12.0
(WY)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2004)	(2004)	(2005)	(2004)
MIN	2.60	4.20	4.81	3.10	5.52	12.4	5.73	1.49	7.84	2.85	3.88	0.85
(WY)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2004)	(2005)	(2005)	(2004)	(2005)

SUMMARY STATISTICS

FOR 2004 CALENDAR YEAR

FOR 2005 WATER YEAR

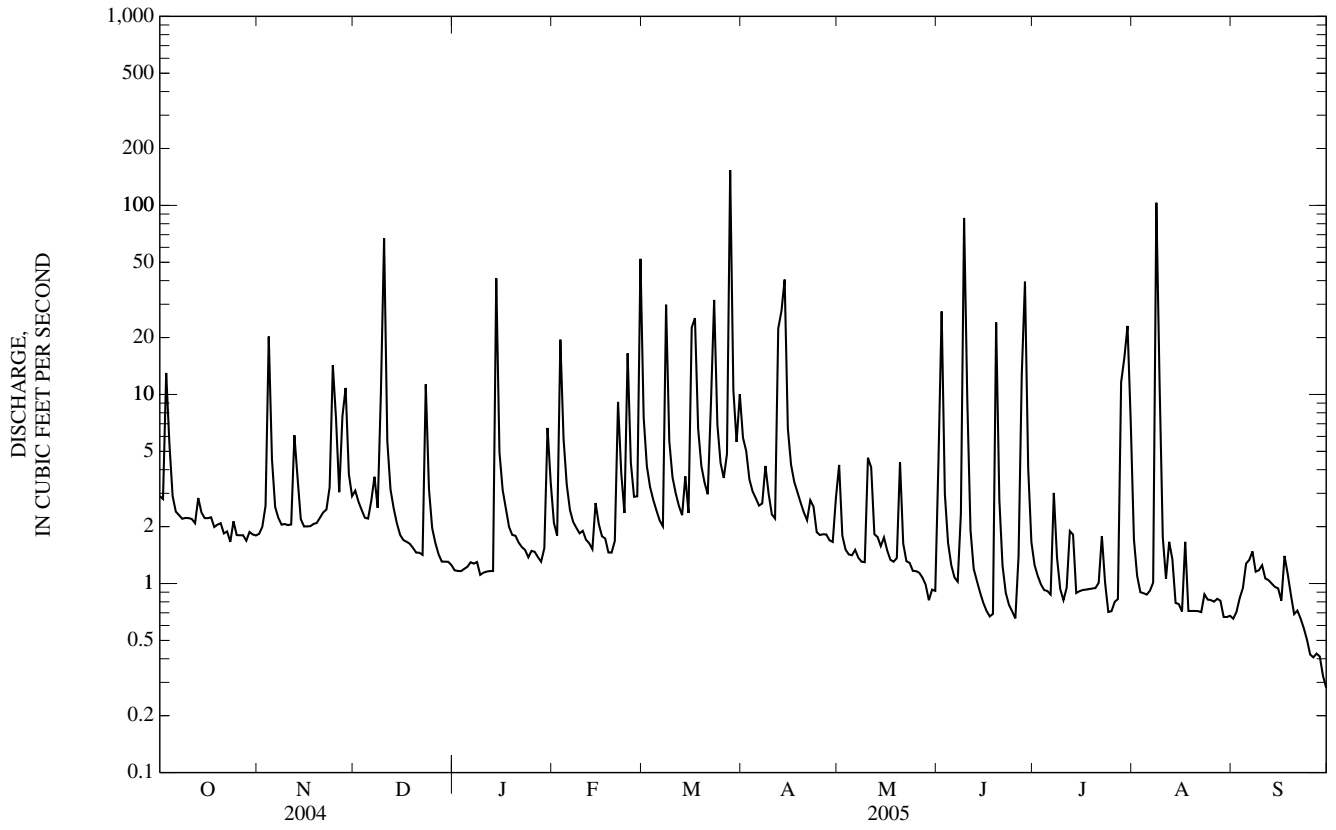
WATER YEARS 2004 - 2005

ANNUAL TOTAL	1,240.09	1,708.51	
ANNUAL MEAN	5.06	4.68	5.01
HIGHEST ANNUAL MEAN			5.78
LOWEST ANNUAL MEAN			4.68
HIGHEST DAILY MEAN	93	Sep 28	154
LOWEST DAILY MEAN	0.41	Jun 2	0.28
ANNUAL SEVEN-DAY MINIMUM	0.47	Jun 1	0.40
MAXIMUM PEAK FLOW			1,000*
MAXIMUM PEAK STAGE			9.50
INSTANTANEOUS LOW FLOW			0.22*
ANNUAL RUNOFF (CFSM)	1.03		0.955
ANNUAL RUNOFF (INCHES)	9.41		12.97
10 PERCENT EXCEEDS	7.6		7.5
50 PERCENT EXCEEDS	1.7		1.8
90 PERCENT EXCEEDS	0.63		0.81

* See REMARKS.

e Estimated.

02142914 GUM BRANCH NEAR THRIFT, NC—Continued



0214291555 LONG CREEK NEAR RHYNE, NC

LOCATION.--Lat 35°18'02", long 80°58'22", Mecklenburg County, Hydrologic Unit 03050101, on right bank 1.6 mi downstream of Gum Branch, .6 mi upstream from bridge on NC Highway 27 and 0.55 mi northwest of Rhyne.

DRAINAGE AREA.--31.49 mi².

PERIOD OF RECORD.--October 1998 to current year.

REVISED RECORDS.--WDR NC-04-1: 2001(M).

GAGE.--Water-stage recorder and crest-stage gage. Elevation of gage 612.45 ft above North American Vertical Datum of 1988. Radio telemetry at station.

REMARKS.--No estimated daily discharges. Records fair. Frequent diversions during summer months for irrigation by upstream golf course. Minimum discharge for current water year and period of record affected by regulation. Minimum discharge for current water year and period of record also occurred on Sept. 23, 25, 26, 27, 30, 2005.

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	19	7.7	13	10	17	67	48	29	16	14	14	1.8
2	15	8.0	11	10	15	33	38	14	165	12	9.0	1.4
3	66	8.7	10	10	94	25	28	12	23	9.8	7.1	1.5
4	32	126	9.3	10	42	21	24	12	12	13	6.5	1.8
5	14	31	8.9	10	21	19	23	11	8.8	8.9	6.0	1.6
6	11	11	9.5	10	17	17	21	12	18	10	5.9	1.1
7	11	9.4	17	9.8	16	17	21	11	35	25	5.8	1.1
8	10	8.6	9.7	9.7	15	156	36	11	60	21	165	1.4
9	9.6	8.4	54	9.5	15	42	35	10	385	9.4	63	1.7
10	9.6	8.4	455	10	15	25	21	14	352	8.1	9.3	1.4
11	9.2	8.1	57	10	14	20	19	28	49	11	6.2	1.1
12	8.8	24	29	9.7	13	18	79	12	24	31	5.4	1.4
13	9.8	24	21	9.9	13	17	188	11	20	15	5.2	0.91
14	9.1	9.1	17	276	17	26	291	11	18	8.6	10	1.5
15	8.4	8.1	15	40	19	18	48	12	16	7.4	7.5	1.3
16	7.8	8.2	14	24	14	121	29	11	14	6.9	3.1	0.87
17	7.5	7.9	13	20	21	154	23	10	13	6.6	3.3	1.8
18	7.7	7.8	13	17	13	48	20	10	10	6.2	4.2	4.5
19	7.9	7.7	13	16	13	28	18	9.7	37	7.9	3.1	6.8
20	8.2	7.8	12	16	13	22	17	27	18	6.1	2.3	2.9
21	8.5	7.6	11	16	50	19	16	12	14	5.8	1.9	2.0
22	8.2	7.9	12	15	32	27	16	9.5	11	9.6	1.8	1.0
23	7.7	9.1	67	15	17	193	20	9.3	11	11	2.9	0.72
24	9.1	52	27	14	102	51	15	8.8	10	6.1	3.6	0.60
25	8.9	50	15	14	34	29	14	8.3	10	5.5	2.1	0.57
26	7.7	13	13	14	20	22	13	8.1	20	5.1	1.5	0.53
27	7.7	16	12	13	18	23	14	7.7	95	4.9	2.6	0.73
28	8.7	95	11	12	363	857	13	7.4	366	24	1.8	1.6
29	9.1	15	11	13	---	97	13	7.4	45	82	1.5	1.7
30	8.8	11	11	40	---	47	17	7.6	20	83	1.8	0.70
31	8.0	---	11	28	---	58	---	7.9	---	75	3.2	---
TOTAL	374.0	616.5	1,002.4	731.6	1,053	2,317	1,178	371.7	1,895.8	549.9	366.6	48.03
MEAN	12.1	20.6	32.3	23.6	37.6	74.7	39.3	12.0	63.2	17.7	11.8	1.60
MAX	66	126	455	276	363	857	291	29	385	83	165	6.8
MIN	7.5	7.6	8.9	9.5	13	17	13	7.4	8.8	4.9	1.5	0.53
CFSM	0.38	0.65	1.03	0.75	1.19	2.37	1.25	0.38	2.01	0.56	0.38	0.05
IN.	0.44	0.73	1.18	0.86	1.24	2.74	1.39	0.44	2.24	0.65	0.43	0.06

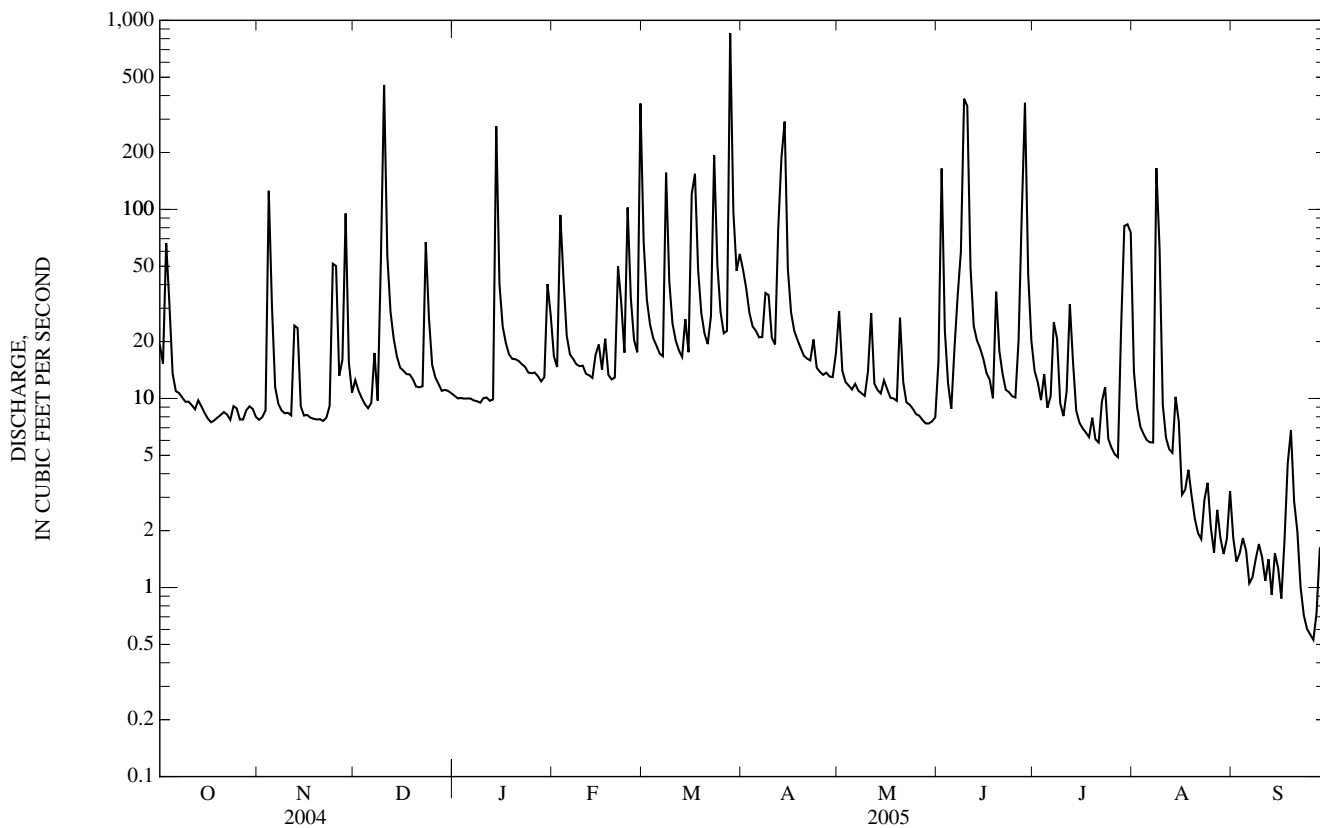
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2005, BY WATER YEAR (WY)

MEAN	12.9	14.8	26.3	25.3	36.8	58.3	43.0	28.9	33.0	19.9	14.9	21.3
MAX	31.1	45.1	87.5	39.8	68.8	146	163	146	96.6	56.5	47.5	84.7
(WY)	(2003)	(2003)	(2003)	(1999)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2004)
MIN	1.60	3.29	6.29	9.69	13.9	13.0	9.02	7.61	5.00	4.66	1.43	1.60
(WY)	(2002)	(2002)	(2002)	(2001)	(2002)	(1999)	(2002)	(2001)	(2002)	(2001)	(2001)	(2005)

0214291555 LONG CREEK NEAR RHYNE, NC—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1999 - 2005	
ANNUAL TOTAL	10,570.1		10,504.53			
ANNUAL MEAN	28.9		28.8		27.9	
HIGHEST ANNUAL MEAN					78.4	2003
LOWEST ANNUAL MEAN					10.7	2002
HIGHEST DAILY MEAN	830	Sep 28	857	Mar 28	2,390	May 22, 2003
LOWEST DAILY MEAN	3.1	Jun 12	0.53	Sep 26	0.12	Sep 13, 2002
ANNUAL SEVEN-DAY MINIMUM	4.1	Jun 1	0.82	Sep 22	0.23	Aug 8, 2002
MAXIMUM PEAK FLOW			1,860	Jun 9	3,570	May 22, 2003
MAXIMUM PEAK STAGE			9.40	Jun 9	12.04	May 22, 2003
INSTANTANEOUS LOW FLOW			0.00*	Sep 22	0.00*	Sep 22, 2005
ANNUAL RUNOFF (CFSM)	0.917		0.914		0.885	
ANNUAL RUNOFF (INCHES)	12.49		12.41		12.03	
10 PERCENT EXCEEDS	53		50		48	
50 PERCENT EXCEEDS	11		12		9.3	
90 PERCENT EXCEEDS	6.0		2.8		2.3	

* See REMARKS.



0214295600 PAW CREEK AT WILKINSON BOULEVARD NEAR CHARLOTTE, NC

LOCATION.--Lat 35°14'25", long 80°58'28", Mecklenburg County, Hydrologic Unit 03050101, on left bank on downstream side of culvert at U.S. Highway 74, 0.7 mi downstream of Interstate Highway 85, and 2.5 mi northwest of airport in Charlotte.

DRAINAGE AREA.--10.8 mi².

PERIOD OF RECORD.--October 1994 to current year.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 567.97 ft above NAVD 1988, from U.S. Geological Survey benchmark. Prior to October 1, 1999 at same site at datum 567.97 ft. Radio telemetry at station.

REMARKS.--Records fair except those for estimated daily discharges, which are poor. Minimum discharge for period of record also occurred Sept. 24, 2002.

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	4.4	2.1	4.9	3.5	4.6	17	13	11	12	4.0	5.1	0.96
2	3.9	2.5	3.8	3.4	4.0	10	11	4.1	55	3.3	3.3	0.85
3	20	4.3	3.4	3.4	34	6.3	8.6	3.4	8.5	2.8	2.7	0.81
4	6.4	33	3.2	3.3	11	5.4	7.0	3.1	6.0	2.6	2.5	0.76
5	4.2	7.1	e3.0	3.3	6.6	4.9	6.4	3.1	4.6	3.1	2.3	0.75
6	3.6	4.1	e3.2	3.4	5.6	4.3	6.0	3.8	3.8	2.4	2.2	0.71
7	3.3	3.1	e3.2	3.2	4.9	4.1	6.3	2.7	6.0	10	2.2	0.76
8	3.0	2.7	e3.5	3.1	4.5	47	7.0	2.5	3.6	4.5	74	0.78
9	3.0	2.7	14	3.1	4.2	9.3	5.1	2.3	42	2.5	21	0.76
10	2.8	2.7	99	3.1	4.5	6.7	4.7	6.1	16	2.2	6.0	0.70
11	2.6	2.5	14	3.1	4.1	5.8	4.6	10	6.8	3.4	3.6	0.66
12	2.5	9.5	8.8	2.9	3.9	5.1	37	5.8	4.8	3.8	32	0.67
13	4.8	5.4	6.4	3.0	3.7	4.6	34	5.7	4.6	4.8	10	0.74
14	2.9	3.2	5.3	68	6.6	6.0	64	3.8	3.7	2.3	5.3	0.79
15	2.6	3.0	4.8	9.1	5.0	4.4	13	4.4	3.1	1.9	3.4	0.73
16	2.2	2.7	4.6	6.7	3.8	30	8.6	3.7	2.8	1.7	2.4	3.8
17	2.2	2.7	5.2	5.8	3.7	37	7.1	3.3	2.6	1.6	2.6	2.2
18	2.2	2.6	4.4	5.2	3.5	10	8.6	3.3	2.6	1.6	2.0	0.71
19	2.2	2.6	4.2	4.9	3.4	7.0	8.1	3.1	39	1.4	2.0	0.59
20	2.3	2.5	4.0	4.8	4.1	5.7	6.9	11	7.5	1.4	1.7	0.57
21	2.3	2.6	3.8	4.4	17	5.3	6.4	5.2	3.8	1.3	1.5	0.64
22	2.3	2.6	3.7	4.1	7.4	14	9.0	4.2	2.9	1.3	1.4	0.62
23	2.3	4.7	22	4.0	4.9	62	6.6	4.3	2.6	1.2	2.3	0.61
24	3.3	23	7.2	4.1	24	15	4.0	3.7	2.3	1.1	1.8	0.60
25	2.6	9.8	5.6	3.8	7.8	9.3	3.7	3.5	2.2	1.1	1.3	0.61
26	2.9	4.3	5.0	3.6	5.8	7.7	3.6	3.3	2.9	1.0	1.2	0.70
27	2.4	8.8	4.6	3.3	6.0	9.3	4.1	3.3	31	1.0	1.2	0.78
28	2.3	18	4.4	3.2	94	215	4.0	3.3	73	15	1.2	0.71
29	2.6	5.4	4.4	3.8	---	26	3.7	3.2	9.0	28	1.1	0.76
30	2.4	4.1	3.8	14	---	13	7.1	3.9	5.3	33	1.2	0.55
31	2.2	---	3.7	6.6	---	23	---	3.4	---	8.5	1.5	---
TOTAL	108.7	184.3	271.1	201.2	292.6	630.2	319.2	137.5	370.0	153.8	202.0	25.88
MEAN	3.51	6.14	8.75	6.49	10.4	20.3	10.6	4.44	12.3	4.96	6.52	0.86
MAX	20	33	99	68	94	215	64	11	73	33	74	3.8
MIN	2.2	2.1	3.0	2.9	3.4	4.1	3.6	2.3	2.2	1.0	1.1	0.55
CFSM	0.32	0.57	0.81	0.60	0.97	1.88	0.99	0.41	1.14	0.46	0.60	0.08
IN.	0.37	0.63	0.93	0.69	1.01	2.17	1.10	0.47	1.27	0.53	0.70	0.09

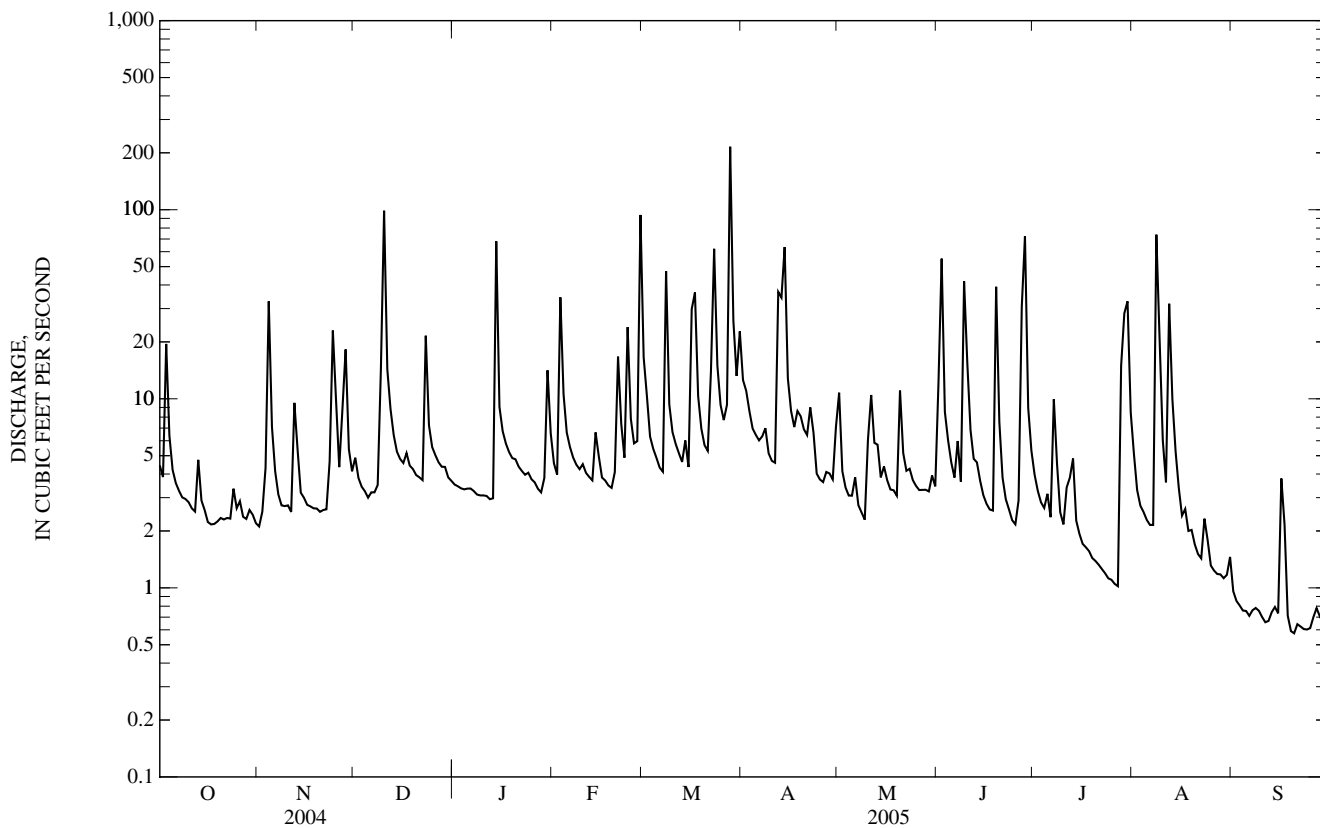
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1995 - 2005, BY WATER YEAR (WY)

MEAN	7.01	7.65	8.20	12.0	15.7	16.6	14.3	10.3	9.52	8.08	6.64	6.09
MAX	23.0	26.1	23.7	28.9	33.4	39.7	44.9	55.8	29.6	35.2	24.2	18.1
(WY)	(1996)	(1996)	(2003)	(1998)	(1995)	(2003)	(2003)	(2003)	(2003)	(1997)	(2003)	(2004)
MIN	0.73	0.59	2.27	2.79	3.27	4.54	3.29	3.21	1.59	1.35	0.33	0.86
(WY)	(2002)	(2002)	(2002)	(2001)	(2002)	(1999)	(2001)	(2000)	(2001)	(2001)	(2001)	(2005)

0214295600 PAW CREEK AT WILKINSON BOULEVARD NEAR CHARLOTTE, NC—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1995 - 2005	
ANNUAL TOTAL	3,179.93		2,896.48		10.1	
ANNUAL MEAN	8.69		7.94		3.93	
HIGHEST ANNUAL MEAN					25.1	2003
LOWEST ANNUAL MEAN					3.93	2001
HIGHEST DAILY MEAN	135	Sep 8	215	Mar 28	835	Jul 23, 1997
LOWEST DAILY MEAN	0.74	Aug 10	0.55	Sep 30	0.06	Oct 30, 2001
ANNUAL SEVEN-DAY MINIMUM	1.0	Aug 5	0.61	Sep 19	0.11	Oct 29, 2001
MAXIMUM PEAK FLOW			855	Mar 28	2,740	Jul 23, 1997
MAXIMUM PEAK STAGE			9.32	Mar 28	10.21	Jun 7, 2003
INSTANTANEOUS LOW FLOW			0.44	Sep 30	0.03*	Sep 12, 2002
ANNUAL RUNOFF (CF5M)	0.804		0.735		0.939	
ANNUAL RUNOFF (INCHES)	10.95		9.98		12.76	
10 PERCENT EXCEEDS	17		14		19	
50 PERCENT EXCEEDS	3.7		3.8		3.5	
90 PERCENT EXCEEDS	2.0		1.2		0.87	

* See REMARKS.
e Estimated.



0214297160 BEAVERDAM CREEK ABOVE WINDY GAP ROAD NEAR SHOPTON, NC

LOCATION.--Lat 35°10'11", long 80°59'16", Mecklenburg County, Hydrologic Unit 03050101, on right bank 200 feet above Windy Gap Road, and 1.6 mi west of North Carolina Highway 160 and Shopton.

DRAINAGE AREA.--4.47 mi².

PERIOD OF RECORD.--January 2003 to current year.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 567.10 ft above North American Vertical Datum of 1988, from levels. Radio telemetry at station.

REMARKS.--Records fair, except those for estimated daily discharges, which are poor. Minimum discharge for period of record and current water year affected by regulation of unknown origin, also occurred Sept. 25-26. Peak discharge for current water year and period of record not determined due to variable backwater from Lake Wylie.

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	1.5	0.95	2.1	1.1	1.1	7.8	6.7	1.8	2.1	0.64	0.51	0.18
2	1.3	1.0	2.0	1.1	0.99	4.2	4.9	1.2	8.6	0.59	0.48	0.14
3	1.5	1.1	1.9	1.1	6.0	2.8	3.5	1.1	2.0	0.55	0.43	0.11
4	1.4	3.1	1.9	1.1	4.3	2.3	2.7	1.0	1.3	0.53	0.42	0.09
5	1.3	1.3	1.9	1.1	2.6	2.1	2.4	1.0	0.99	0.49	0.46	0.08
6	0.98	1.0	3.0	1.1	2.2	1.8	2.3	1.0	0.84	0.49	0.46	0.07
7	0.94	1.0	2.9	0.99	1.9	1.7	2.3	1.00	0.90	1.0	0.45	0.08
8	0.90	1.0	2.1	1.0	1.9	5.4	2.2	0.98	0.79	0.59	3.6	0.08
9	0.90	1.1	2.7	1.00	1.9	2.8	1.9	0.96	0.69	0.47	4.1	0.07
10	0.90	1.1	23	1.0	1.8	2.2	1.8	1.4	0.70	0.44	0.56	0.06
11	0.88	1.1	5.2	0.99	1.5	2.1	1.7	1.2	0.64	0.75	0.41	0.04
12	0.97	2.3	2.6	0.99	1.5	1.8	6.2	1.2	0.61	0.56	0.38	0.06
13	2.2	1.4	1.9	0.95	1.5	1.7	12	1.6	0.61	0.54	0.35	0.06
14	1.0	1.2	1.5	7.9	2.1	1.7	22	1.1	0.58	0.48	0.32	0.05
15	0.95	1.2	1.3	2.0	1.9	1.6	6.3	0.99	0.53	0.43	0.30	0.03
16	0.93	1.2	1.3	1.4	1.7	5.6	3.7	0.95	0.50	0.38	0.27	0.34
17	0.97	1.2	1.2	1.2	1.5	9.4	2.8	0.90	0.47	0.35	1.4	0.19
18	0.99	1.2	1.2	1.00	1.4	4.3	2.5	0.87	0.46	0.31	0.61	0.08
19	0.97	1.2	1.2	0.97	1.4	2.6	2.2	0.82	2.3	0.30	0.41	0.05
20	0.98	1.2	1.2	0.99	1.4	2.1	2.0	2.1	0.80	0.34	0.40	0.06
21	0.98	1.2	1.2	0.91	3.3	1.9	1.8	0.99	0.68	0.24	0.39	0.09
22	0.98	1.2	1.3	0.89	2.6	3.5	2.0	0.88	0.53	0.55	0.33	0.06
23	0.97	1.5	3.7	0.82	1.9	29	1.9	0.83	0.47	0.40	2.5	0.05
24	0.92	3.4	2.0	0.79	5.1	8.7	1.5	0.83	0.43	0.28	0.66	0.02
25	0.87	3.0	1.5	0.86	2.9	4.5	1.4	0.80	0.41	0.25	0.46	0.00
26	0.86	2.1	1.4	0.86	2.2	3.1	1.3	0.76	0.97	0.27	0.40	0.05
27	0.92	2.6	1.3	0.76	2.0	3.2	1.3	0.73	2.0	0.26	0.37	0.09
28	0.93	4.3	1.2	0.72	23	e35	1.3	0.71	6.0	0.57	0.30	0.04
29	0.93	2.3	1.3	0.81	---	10	1.2	0.68	1.6	2.2	0.26	0.76
30	0.93	2.1	1.2	1.9	---	5.4	1.7	0.89	0.78	1.0	0.26	0.15
31	0.93	---	1.1	1.4	---	7.8	---	0.75	---	0.60	0.28	---
TOTAL	32.68	49.55	79.3	39.70	83.59	178.1	107.5	32.02	40.28	16.85	22.53	3.23
MEAN	1.05	1.65	2.56	1.28	2.99	5.75	3.58	1.03	1.34	0.54	0.73	0.11
MAX	2.2	4.3	23	7.9	23	35	22	2.1	8.6	2.2	4.1	0.76
MIN	0.86	0.95	1.1	0.72	0.99	1.6	1.2	0.68	0.41	0.24	0.26	0.00
CFSM	0.24	0.37	0.57	0.29	0.67	1.29	0.80	0.23	0.30	0.12	0.16	0.02
IN.	0.27	0.41	0.66	0.33	0.70	1.48	0.89	0.27	0.34	0.14	0.19	0.03

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2003 - 2005, BY WATER YEAR (WY)

MEAN	0.92	1.13	1.79	1.35	3.43	4.76	4.96	3.35	2.44	1.16	2.24	1.47
MAX	1.05	1.65	2.56	1.81	4.34	6.42	9.78	8.66	3.76	1.62	4.59	3.01
(WY)	(2005)	(2005)	(2005)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2004)
MIN	0.78	0.60	1.02	0.95	2.98	2.16	1.69	0.54	1.34	0.54	0.73	0.11
(WY)	(2004)	(2004)	(2004)	(2004)	(2004)	(2004)	(2004)	(2004)	(2005)	(2005)	(2005)	(2005)

SUMMARY STATISTICS

FOR 2004 CALENDAR YEAR

FOR 2005 WATER YEAR

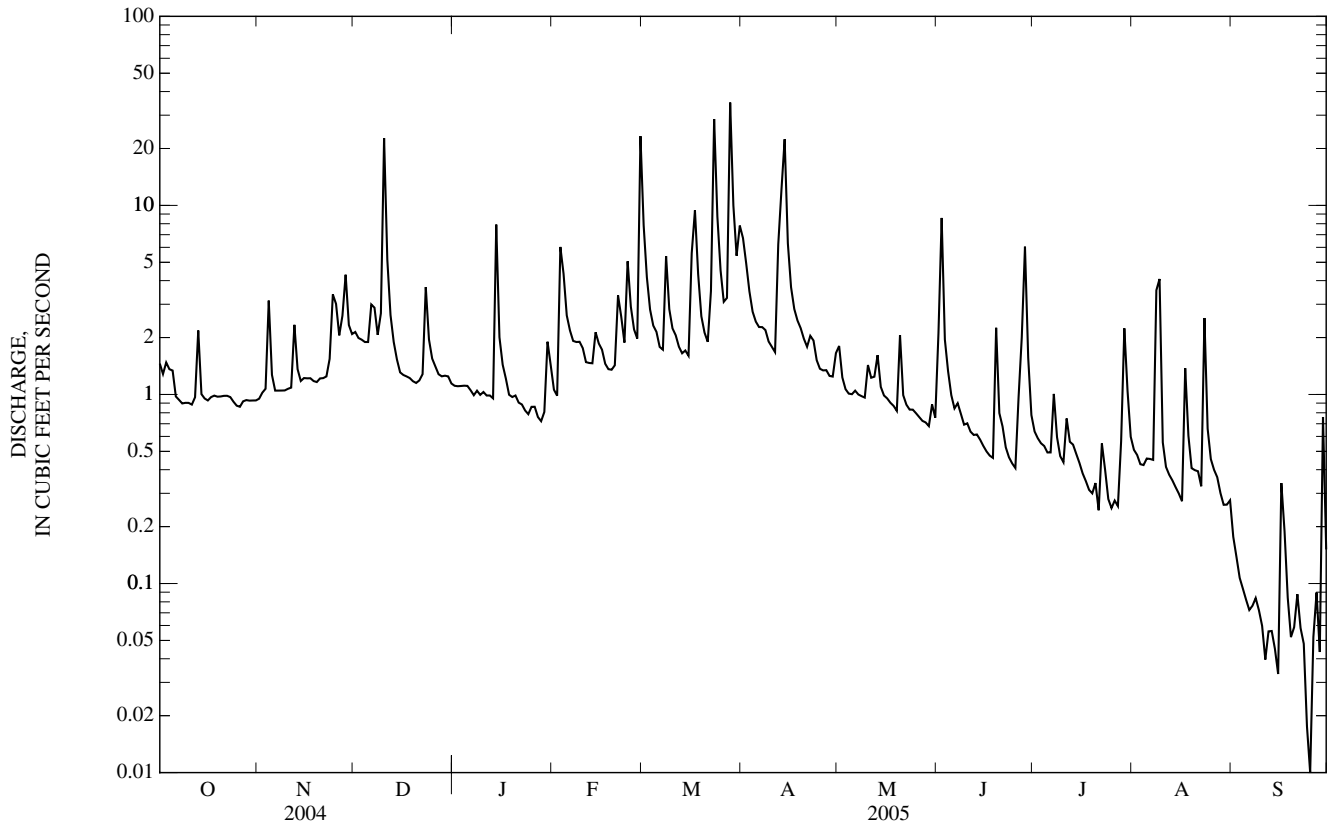
WATER YEARS 2003 - 2005

LOWEST DAILY MEAN	0.11	Jun 3	0.00	Sep 25	0.00	Sep 25, 2005
ANNUAL SEVEN-DAY MINIMUM	0.13	Jun 1	0.04	Sep 22	0.04	Sep 22, 2005
MAXIMUM PEAK FLOW			NOT DETERMINED*		NOT DETERMINED*	
MAXIMUM PEAK STAGE			4.72	Mar 28	5.91	Jun 7, 2003
INSTANTANEOUS LOW FLOW			0.00*	Sep 24	0.00*	Sep 24, 2005

* See REMARKS.

e Estimated

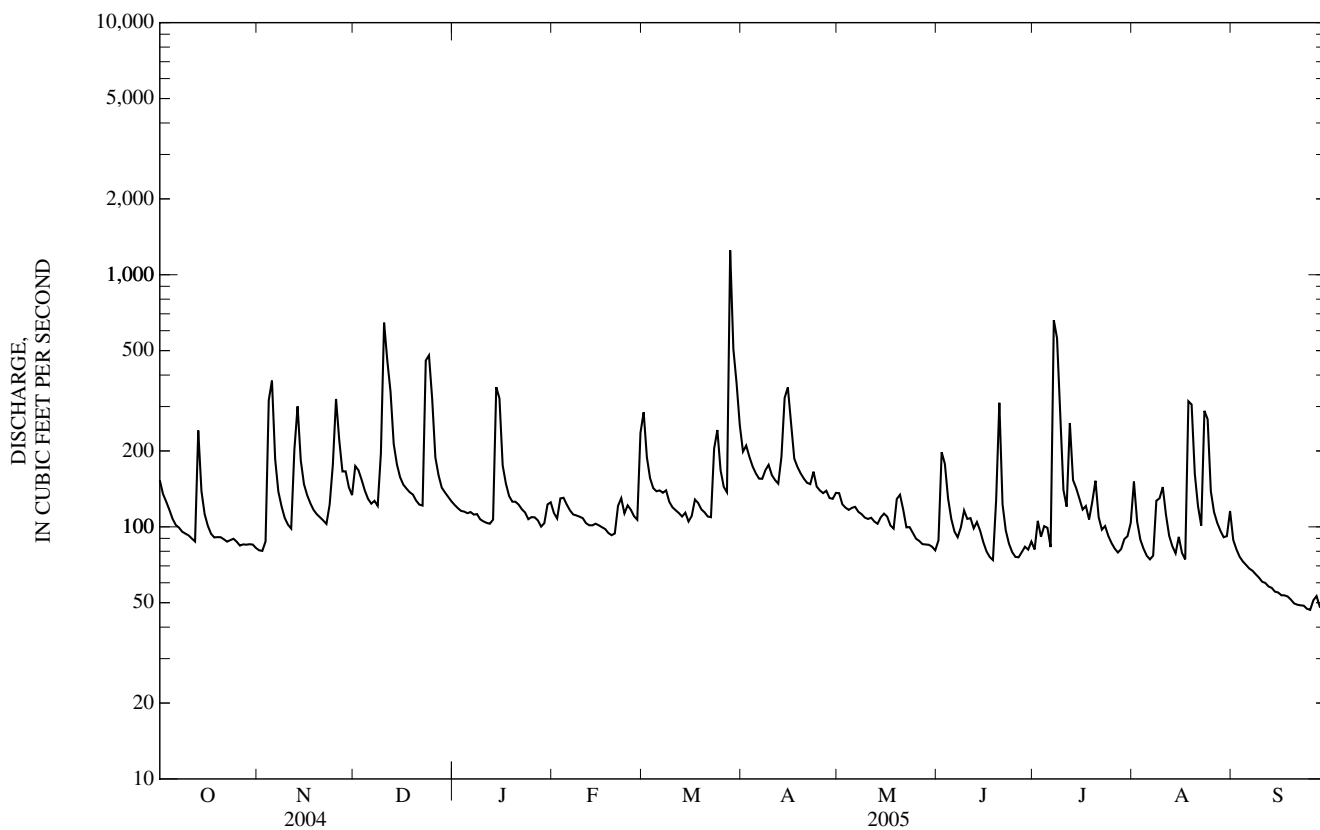
0214297160 BEAVERDAM CREEK ABOVE WINDY GAP ROAD NEAR SHOPTON, NC—Continued



02143000 HENRY FORK NEAR HENRY RIVER, NC—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1926 - 2005 [@]	
ANNUAL TOTAL	50,827		50,074		133	
ANNUAL MEAN	139		137		221	
HIGHEST ANNUAL MEAN					45.5	
LOWEST ANNUAL MEAN					10,100	
HIGHEST DAILY MEAN	6,500	Sep 8	1,250	Mar 28	10,100	Oct 2, 1929
LOWEST DAILY MEAN	40	Aug 9	46	Sep 30	4.0	Nov 15, 1942
ANNUAL SEVEN-DAY MINIMUM	43	Aug 5	49	Sep 24	5.8	Aug 8, 2002
MAXIMUM PEAK FLOW			2,880	Mar 28	15,300	Oct 2, 1929
MAXIMUM PEAK STAGE			7.21	Mar 28	18.71	Oct 12, 1990
INSTANTANEOUS LOW FLOW			44	Sep 30	3.0	Dec 20, 1942
ANNUAL RUNOFF (CFSM)	1.67		1.65		1.60	
ANNUAL RUNOFF (INCHES)	22.73		22.39		21.70	
10 PERCENT EXCEEDS	184		203		219	
50 PERCENT EXCEEDS	92		113		93	
90 PERCENT EXCEEDS	58		78		42	

[@] See PERIOD OF RECORD.



02143040 JACOB FORK AT RAMSEY, NC

LOCATION.--Lat 35°35'26", long 81°34'01", Burke County, Hydrologic Unit 03050102, on left bank 16 ft downstream of bridge on Secondary Road 1924, 0.6 mi downstream of Queens Creek, and 0.6 mi north of Ramsey.

DRAINAGE AREA.--25.7 mi²

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--Occasional low-flow measurements, water years 1960-61. October 1961 to current year.

REVISED RECORDS.--WDR NC-81-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 1,103.00 ft above NGVD of 1929. Satellite telemetry at station.

REMARKS.--No estimated daily discharges. Records good. Maximum discharge for period of record, from rating curve extended above 3,400 ft³/s on basis of contracted-opening measurement of peak flow. Minimum discharge for current water year also occurred Sept. 21, 22, 24, 25, 30.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of August 1940 reached a stage of about 39 ft, from information by local resident. Flood of July 1916 reached a stage of about 19 ft, from information by North Carolina State Highway Commission.

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	52	20	79	49	41	102	64	43	33	37	64	27
2	46	21	76	48	39	73	75	39	119	31	34	24
3	40	31	62	48	49	61	65	38	74	33	26	23
4	35	406	51	49	49	54	57	36	47	176	22	22
5	31	167	45	50	48	54	52	38	34	55	19	22
6	29	74	43	52	45	57	48	37	28	33	19	20
7	29	53	46	52	44	54	51	36	26	426	77	20
8	26	42	43	55	44	59	60	35	29	256	71	19
9	25	36	149	53	43	49	64	33	26	80	88	19
10	26	32	412	52	42	46	61	32	36	48	85	18
11	24	31	182	53	39	44	53	32	37	39	51	17
12	23	120	111	54	39	43	48	31	31	65	35	17
13	71	126	84	56	39	40	79	31	42	55	29	17
14	36	73	67	251	39	39	226	37	38	47	26	17
15	29	55	58	101	38	36	117	37	29	41	30	17
16	26	48	53	71	38	41	74	33	24	35	23	16
17	23	43	51	60	37	47	62	30	22	31	95	17
18	22	39	49	51	36	44	56	30	21	28	238	16
19	25	37	49	49	35	44	52	30	68	26	86	15
20	24	36	44	49	37	44	48	39	40	26	51	16
21	23	34	43	47	54	42	45	31	33	27	37	15
22	22	32	42	44	56	42	47	28	25	32	47	15
23	23	41	379	43	50	112	51	28	21	53	229	16
24	24	73	202	42	58	96	44	26	18	29	76	15
25	22	126	105	41	55	65	42	25	17	24	49	15
26	22	75	79	41	52	53	42	25	18	22	40	17
27	22	58	66	39	49	52	43	25	20	20	35	18
28	22	59	58	36	105	519	39	25	22	18	32	16
29	22	48	56	38	---	187	37	25	21	29	30	16
30	22	45	53	48	---	96	39	21	18	24	32	16
31	21	---	51	44	---	73	---	21	---	70	34	---
TOTAL	887	2,081	2,888	1,766	1,300	2,368	1,841	977	1,017	1,916	1,810	538
MEAN	28.6	69.4	93.2	57.0	46.4	76.4	61.4	31.5	33.9	61.8	58.4	17.9
MAX	71	406	412	251	105	519	226	43	119	426	238	27
MIN	21	20	42	36	35	36	37	21	17	18	19	15
CFSM	1.11	2.70	3.62	2.22	1.81	2.97	2.39	1.23	1.32	2.40	2.27	0.70
IN.	1.28	3.01	4.18	2.56	1.88	3.43	2.66	1.41	1.47	2.77	2.62	0.78

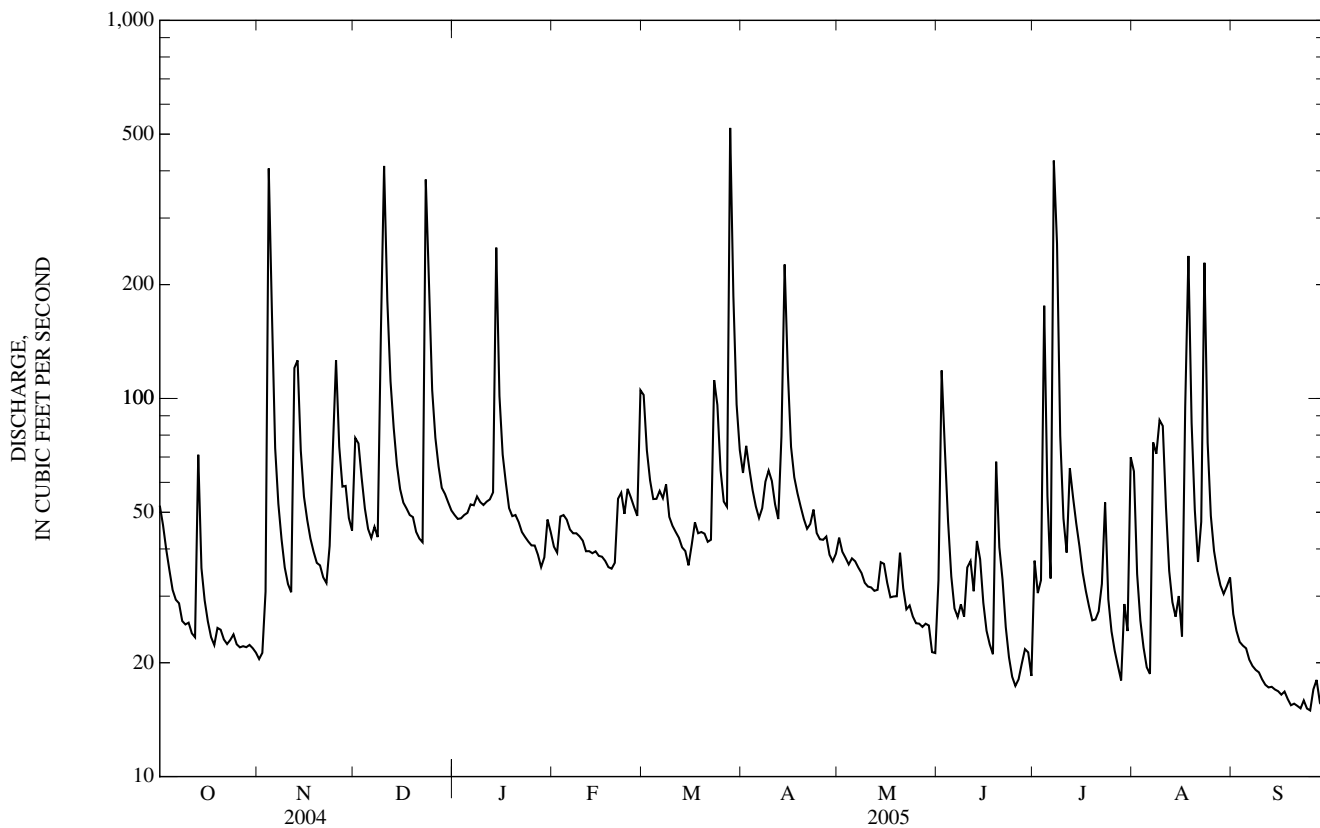
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1962 - 2005, BY WATER YEAR (WY)

	39.0	41.3	47.8	57.0	64.8	75.7	68.1	51.7	42.4	34.9	34.1	30.8
MEAN	39.0	41.3	47.8	57.0	64.8	75.7	68.1	51.7	42.4	34.9	34.1	30.8
MAX	154	130	93.2	131	134	177	171	124	148	98.6	152	157
(WY)	(1965)	(1978)	(2005)	(1993)	(1966)	(1975)	(2003)	(2003)	(2003)	(2003)	(1970)	(2004)
MIN	7.83	8.49	14.5	15.6	19.3	27.4	19.4	9.93	4.98	2.87	4.48	7.94
(WY)	(2001)	(2002)	(2002)	(2001)	(2001)	(1988)	(2002)	(2001)	(2002)	(2002)	(2002)	(2001)

02143040 JACOB FORK AT RAMSEY, NC—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1962 - 2005	
ANNUAL TOTAL	18,981		19,389		48.9	
ANNUAL MEAN	51.9		53.1		16.6	
HIGHEST ANNUAL MEAN					90.9	2003
LOWEST ANNUAL MEAN					16.6	2002
HIGHEST DAILY MEAN	2,450	Sep 8	519	Mar 28	2,450	Sep 8, 2004
LOWEST DAILY MEAN	12	Aug 8	15	Sep 19	0.87	Aug 13, 2002
ANNUAL SEVEN-DAY MINIMUM	13	Aug 5	15	Sep 19	0.90	Aug 7, 2002
MAXIMUM PEAK FLOW			1,220	Jul 7	7,220*	Oct 17, 1975
MAXIMUM PEAK STAGE			7.08	Jul 7	19.74	Oct 17, 1975
INSTANTANEOUS LOW FLOW			15*	Sep 19	0.79	Aug 14, 2002
ANNUAL RUNOFF (CFSM)	2.02		2.07		1.90	
ANNUAL RUNOFF (INCHES)	27.47		28.07		25.85	
10 PERCENT EXCEEDS	75		79		85	
50 PERCENT EXCEEDS	28		41		32	
90 PERCENT EXCEEDS	17		21		14	

* See REMARKS.



PRECIPITATION RECORDS

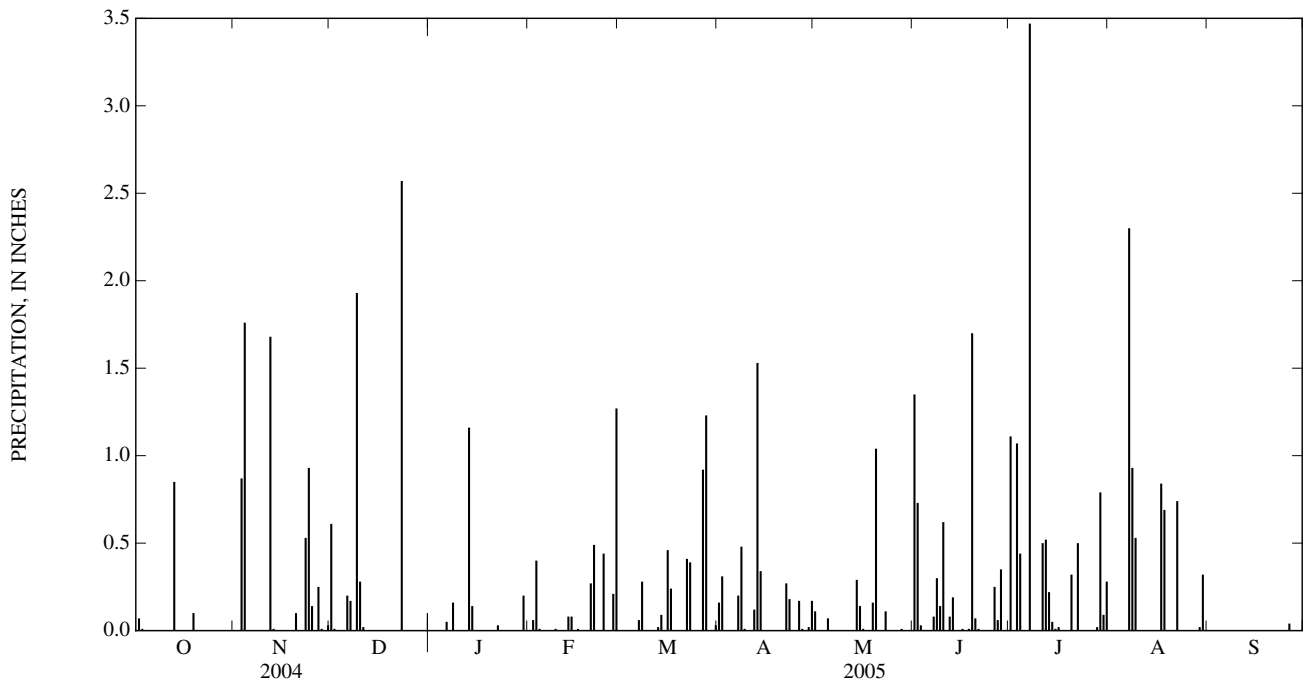
PERIOD OF RECORD.--November 2000 to current year.

GAGE.--Tipping-bucket raingage and electronic datalogger. Satellite telemetry at station.

REMARKS.--Gage is operated in cooperation with North Carolina Department of Environment and Natural Resources. Precipitation data collected during freezing periods may not be accurately reflected in daily record; consequently, winter record is poor.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.61	0.00	0.00	0.00	0.16	0.11	1.35	1.11	0.00	0.00
2	0.07	0.00	0.01	0.00	0.06	0.00	0.31	0.00	0.73	0.00	0.00	0.00
3	0.01	0.87	0.00	0.00	0.40	0.00	0.00	0.00	0.03	1.07	0.00	0.00
4	0.00	1.76	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.44	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00
6	0.00	0.00	0.20	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.17	0.00	0.00	0.06	0.20	0.00	0.08	3.47	2.30	0.00
8	0.00	0.00	0.00	0.16	0.00	0.28	0.48	0.00	0.30	0.00	0.93	0.00
9	0.00	0.00	1.93	0.00	0.01	0.00	0.01	0.00	0.14	0.00	0.53	0.00
10	0.00	0.00	0.28	0.00	0.00	0.00	0.00	0.00	0.62	0.00	0.00	0.00
11	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00
12	0.00	1.68	0.00	0.00	0.00	0.00	0.12	0.00	0.08	0.52	0.00	0.00
13	0.85	0.01	0.00	1.16	0.08	0.02	1.53	0.00	0.19	0.22	0.00	0.00
14	0.00	0.00	0.00	0.14	0.08	0.09	0.34	0.29	0.00	0.05	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.01	0.00	0.00
16	0.00	0.00	0.00	0.00	0.01	0.46	0.00	0.01	0.01	0.02	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.24	0.00	0.00	0.00	0.00	0.84	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.69	0.00
19	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.16	1.70	0.00	0.00	0.00
20	0.00	0.10	0.00	0.00	0.27	0.00	0.00	1.04	0.07	0.32	0.00	0.00
21	0.00	0.00	0.00	0.00	0.49	0.00	0.00	0.00	0.01	0.00	0.00	0.00
22	0.00	0.00	0.00	0.03	0.00	0.41	0.27	0.00	0.00	0.50	0.74	0.00
23	0.00	0.53	2.57	0.00	0.00	0.39	0.18	0.11	0.00	0.00	0.00	0.00
24	0.00	0.93	0.00	0.00	0.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.00	0.25	0.00	0.00	0.04
27	0.00	0.25	0.00	0.00	0.21	0.92	0.01	0.00	0.06	0.00	0.00	0.00
28	0.00	0.01	0.00	0.00	1.27	1.23	0.00	0.01	0.35	0.02	0.00	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.02	0.00	0.00	0.79	0.02	0.00
30	0.00	0.03	0.00	0.20	---	0.00	0.17	0.00	0.00	0.09	0.32	0.00
31	0.00	---	0.00	0.00	---	0.03	---	0.00	---	0.28	0.00	---
TOTAL	1.03	6.31	5.79	1.74	3.33	4.13	3.97	1.94	5.98	9.41	6.37	0.04

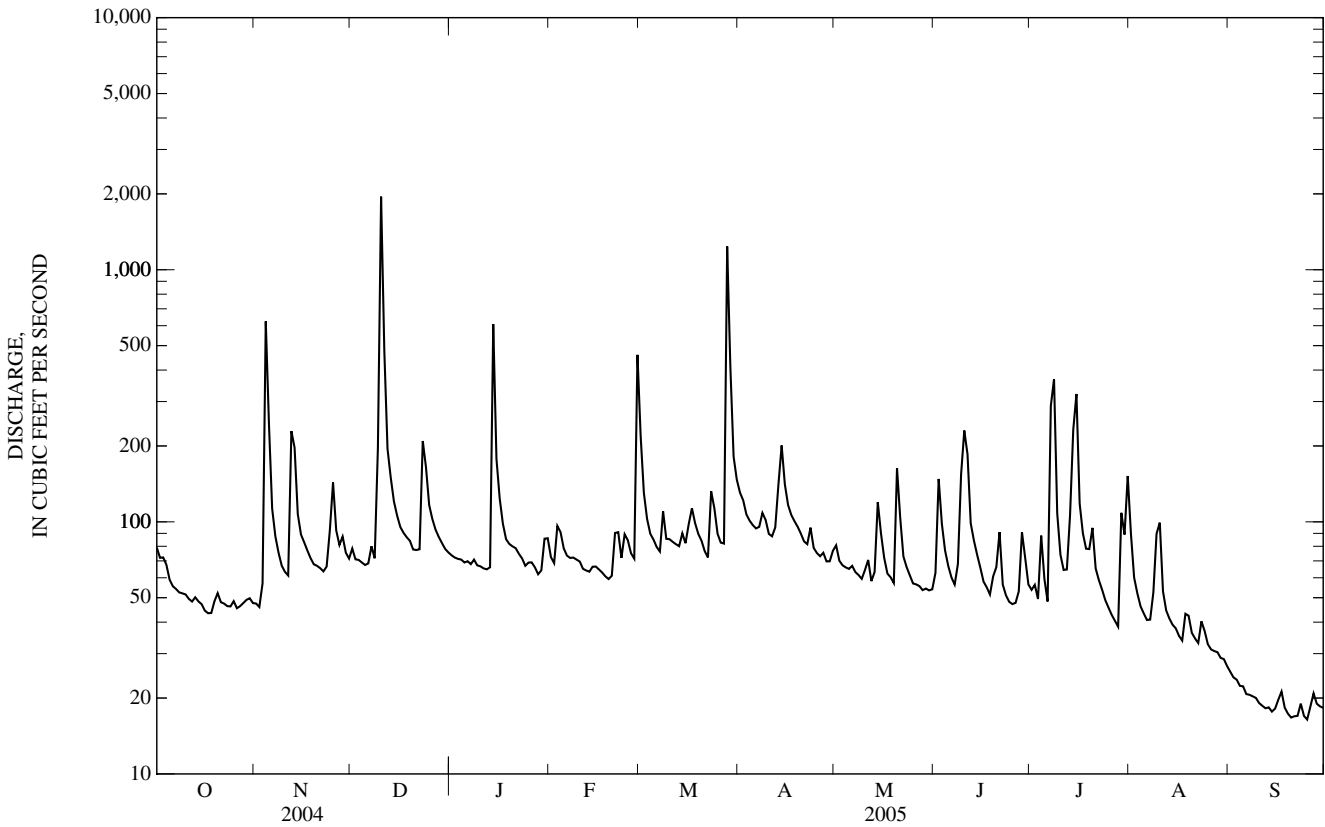


02143500 INDIAN CREEK NEAR LABORATORY, NC—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1951 - 2005	
ANNUAL TOTAL	32,527		33,003		87.6	
ANNUAL MEAN	88.9		90.4		171	
HIGHEST ANNUAL MEAN					2003	
LOWEST ANNUAL MEAN					21.8	
HIGHEST DAILY MEAN	2,450	Sep 8	1,950	Dec 10	4,350	Aug 10, 1970
LOWEST DAILY MEAN	20	Aug 10	16	Sep 25	0.32	Aug 12, 2002
ANNUAL SEVEN-DAY MINIMUM	23	Aug 5	17	Sep 19	0.45	Aug 9, 2002
MAXIMUM PEAK FLOW			2,770	Dec 10	8,450	Aug 10, 1970
MAXIMUM PEAK STAGE			6.17	Dec 10	10.61	Aug 10, 1970
INSTANTANEOUS LOW FLOW			14*	Sep 20	0.25*	Aug 12, 2002
ANNUAL RUNOFF (CFSM)	1.28		1.31		1.27	
ANNUAL RUNOFF (INCHES)	17.49		17.74		17.21	
10 PERCENT EXCEEDS	118		126		146	
50 PERCENT EXCEEDS	59		70		56	
90 PERCENT EXCEEDS	31		32		22	

* See REMARKS.

e Estimated



02144000 LONG CREEK NEAR BESSEMER CITY, NC

LOCATION.--Lat 35°18'23", long 81°14'05", Gaston County, Hydrologic Unit 03050102, on right bank 700 ft upstream from bridge on Secondary Road 1456, 3.3 mi northeast of Bessemer City, and 8.2 mi upstream from mouth.

DRAINAGE AREA.--31.8 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1952 to current year. Monthly discharge only for some periods, published in WSP 1723.

REVISED RECORDS.--WSP 1723: 1959-60 (M). WSP 1904: 1959-60. WDR NC-80-1: Drainage area.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 706.1 ft above NGVD of 1929. Satellite telemetry at station.

REMARKS.--Records good except those for estimated daily discharges, which are poor. Bessemer City diverts water upstream from gaging station for water supply and returns treated effluent to South Fork Catawba River downstream of mouth of Long Creek causing some diurnal fluctuation; a daily average of 1.58 ft³/s was diverted during the year.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of July 1916 reached a stage of 26 ft, from high-water mark on left bank 1,500 ft upstream, from information by local resident.

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	26	e13	29	21	23	78	57	36	22	16	17	3.2
2	e24	e14	26	21	22	50	50	27	67	18	14	2.9
3	e21	20	24	21	37	42	40	25	33	15	10	2.7
4	e20	143	22	21	33	38	36	24	27	16	9.4	2.6
5	e16	57	21	21	27	34	32	24	23	14	10	2.4
6	e15	34	24	21	25	32	32	25	20	14	9.4	2.4
7	e15	29	37	20	24	32	34	23	19	29	8.0	2.7
8	e15	26	28	20	24	54	45	22	21	28	9.6	2.8
9	e15	22	52	19	23	39	35	20	45	14	11	2.7
10	e15	20	300	19	23	35	32	18	57	11	27	2.5
11	e14	20	62	19	21	33	31	20	54	11	12	2.4
12	e14	32	40	19	21	31	42	17	29	12	11	2.3
13	e14	34	34	19	21	31	81	28	26	56	10	2.3
14	e14	26	29	151	23	33	156	31	23	48	9.7	2.2
15	e14	22	26	46	21	30	59	29	19	25	9.1	2.4
16	e13	22	25	34	21	52	45	27	17	20	5.5	2.3
17	e13	21	25	30	20	58	40	20	16	17	4.9	2.2
18	e13	21	24	27	19	45	37	20	16	16	15	2.2
19	e14	20	22	24	18	39	35	19	16	14	11	2.2
20	e12	20	20	24	20	36	33	32	17	13	8.8	2.2
21	e12	20	20	24	34	34	31	26	19	11	6.3	2.2
22	e12	19	20	23	32	35	30	22	14	10	5.6	2.1
23	e13	22	73	22	25	78	29	21	12	9.4	7.8	2.2
24	e13	31	45	21	44	49	26	18	11	8.7	7.2	2.0
25	e14	39	33	22	33	41	26	16	11	9.3	7.8	1.8
26	e13	27	30	22	28	38	26	14	11	9.3	7.0	1.9
27	e13	24	27	20	26	39	27	13	18	9.0	4.0	3.0
28	e13	31	23	19	234	706	26	13	39	7.1	3.8	2.4
29	e14	25	23	20	---	101	26	14	23	20	3.6	2.0
30	e14	24	22	28	---	54	29	15	19	23	3.8	2.2
31	e13	---	22	28	---	54	---	16	---	29	5.4	---
TOTAL	461	878	1,208	846	922	2,051	1,228	675	744	552.8	284.7	71.4
MEAN	14.9	29.3	39.0	27.3	32.9	66.2	40.9	21.8	24.8	17.8	9.18	2.38
MAX	26	143	300	151	234	706	156	36	67	56	27	3.2
MIN	12	13	20	19	18	30	26	13	11	7.1	3.6	1.8
CFSM	0.47	0.92	1.23	0.86	1.04	2.08	1.29	0.68	0.78	0.56	0.29	0.07
IN.	0.54	1.03	1.41	0.99	1.08	2.40	1.44	0.79	0.87	0.65	0.33	0.08

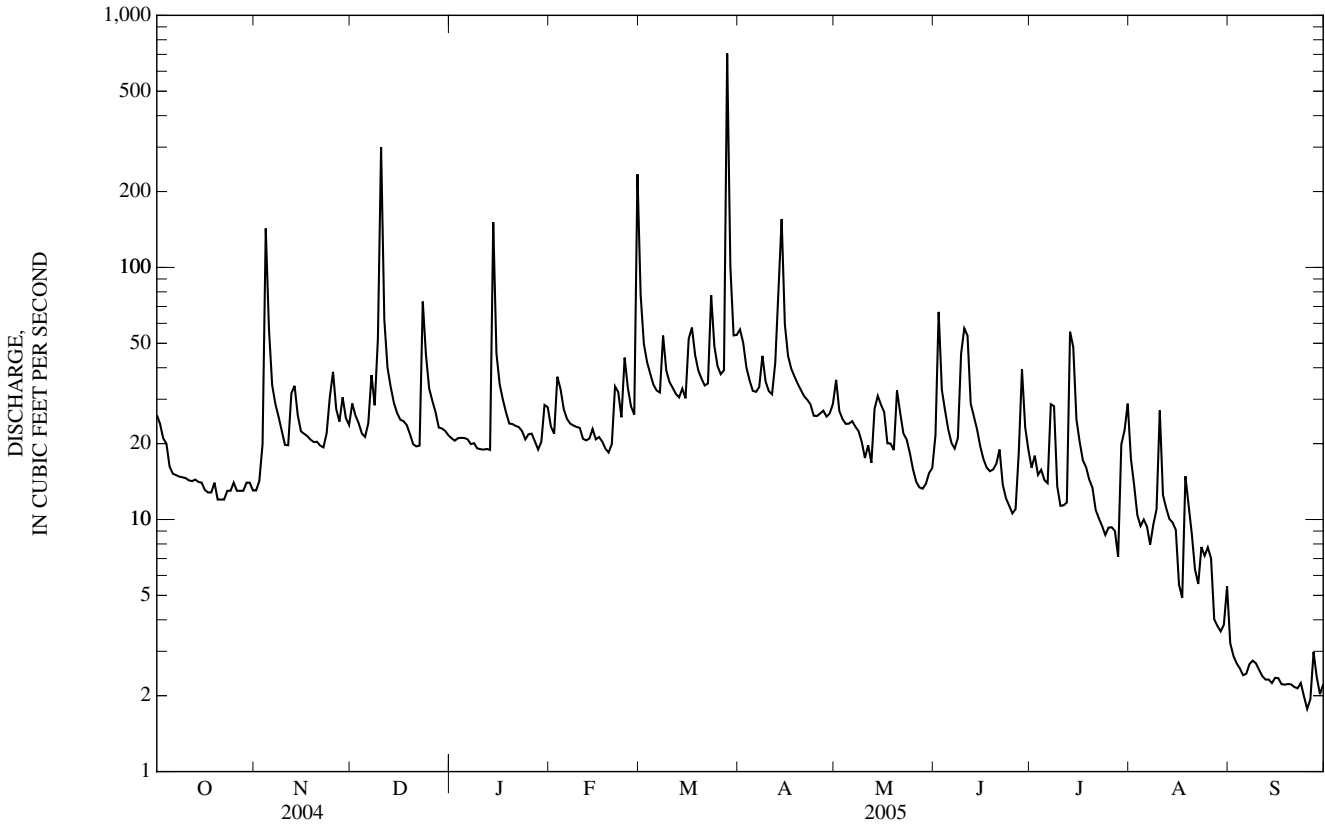
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1953 - 2005, BY WATER YEAR (WY)

MEAN	24.1	25.3	32.9	47.3	56.2	60.8	47.8	32.6	25.6	18.6	19.9	16.1
MAX	147	128	85.2	135	137	146	142	134	79.5	84.8	81.7	68.8
(WY)	(1972)	(1958)	(1977)	(1993)	(1960)	(1993)	(1958)	(2003)	(2003)	(2003)	(1985)	(2004)
MIN	1.77	2.67	4.69	8.17	12.0	20.5	12.1	6.26	1.76	0.59	0.30	1.02
(WY)	(2002)	(2002)	(2002)	(1956)	(2002)	(2002)	(2002)	(2001)	(2002)	(2002)	(2002)	(2002)

02144000 LONG CREEK NEAR BESSEMER CITY, NC—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1953 - 2005	
ANNUAL TOTAL	10,068.0		9,921.9		33.9	
ANNUAL MEAN	27.5		27.2		64.0	
HIGHEST ANNUAL MEAN					6.67	2002
LOWEST ANNUAL MEAN					2,940	Oct 16, 1971
HIGHEST DAILY MEAN	1,140	Sep 8	706	Mar 28	0.05	Aug 14, 2002
LOWEST DAILY MEAN	3.6	May 28	1.8	Sep 25	0.10	Aug 8, 2002
ANNUAL SEVEN-DAY MINIMUM	4.9	Aug 5	2.1	Sep 20	6,500	Oct 16, 1971
MAXIMUM PEAK FLOW			1,200	Mar 28	9.10	Oct 16, 1971
MAXIMUM PEAK STAGE			5.88	Mar 28	0.03	Aug 14, 2002
INSTANTANEOUS LOW FLOW			1.7	Sep 25	1.07	
ANNUAL RUNOFF (CF5M)	0.865		0.855		14.48	
ANNUAL RUNOFF (INCHES)	11.78		11.61		55	
10 PERCENT EXCEEDS	36		43		20	
50 PERCENT EXCEEDS	20		21		6.0	
90 PERCENT EXCEEDS	7.8		5.5			

e Estimated.



02144000 LONG CREEK NEAR BESSEMER CITY, NC—Continued

PRECIPITATION RECORDS

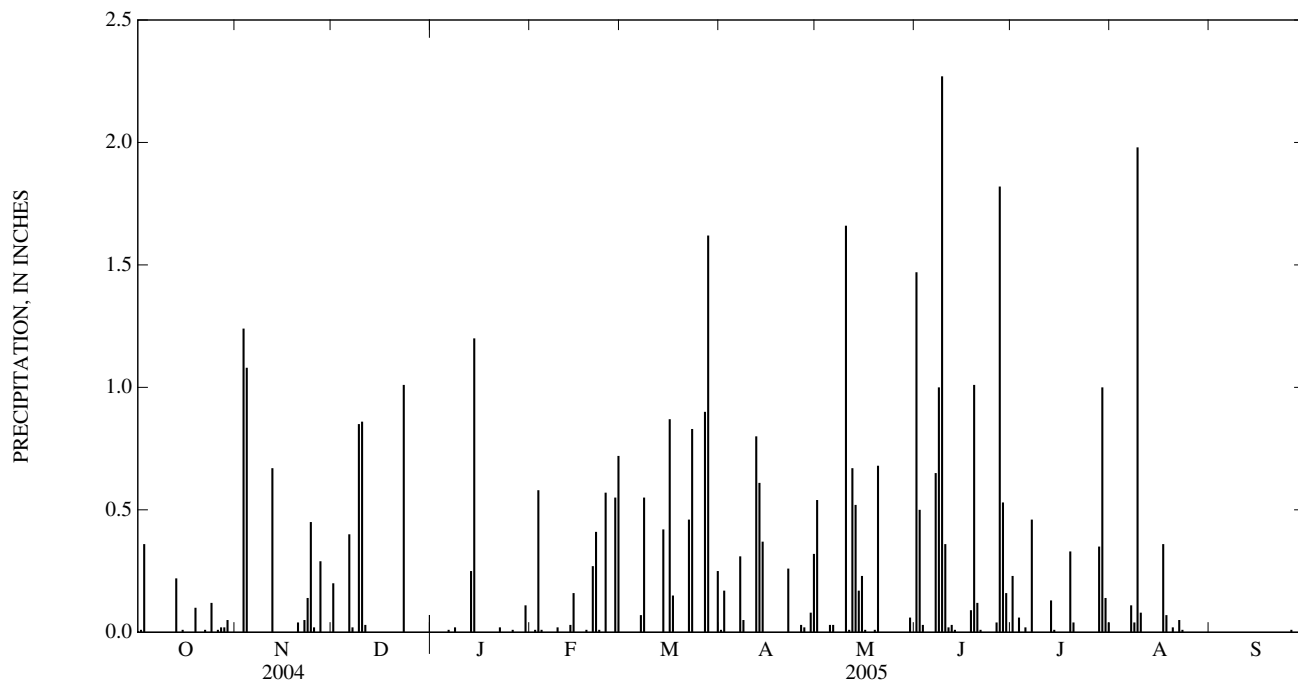
PERIOD OF RECORD.--October 2001 to current year.

GAGE.--Tipping-bucket raingage and electronic datalogger. Satellite telemetry at station.

REMARKS.--Precipitation data collected during freezing periods may not be accurately reflected in daily record; consequently, winter record is poor.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.20	0.00	0.00	0.00	0.01	0.54	1.47	0.23	0.00	0.00
2	0.01	0.00	0.00	0.00	0.01	0.00	0.17	0.00	0.50	0.00	0.00	0.00
3	0.36	1.24	0.00	0.00	0.58	0.00	0.00	0.00	0.03	0.06	0.00	0.00
4	0.00	1.08	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.02	0.00	0.00
6	0.00	0.00	0.40	0.01	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00
7	0.00	0.00	0.02	0.00	0.00	0.07	0.31	0.00	0.65	0.46	0.11	0.00
8	0.00	0.00	0.00	0.02	0.00	0.55	0.05	0.00	1.00	0.00	0.04	0.00
9	0.00	0.00	0.85	0.00	0.02	0.00	0.00	0.00	2.27	0.00	1.98	0.00
10	0.00	0.00	0.86	0.00	0.00	0.00	0.00	1.66	0.36	0.00	0.08	0.00
11	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.01	0.02	---	0.00	0.00
12	0.00	0.67	0.00	0.00	0.00	0.00	0.80	0.67	0.03	---	0.00	0.00
13	0.22	0.00	0.00	0.25	0.03	0.00	0.61	0.52	0.01	0.13	0.00	0.00
14	0.00	0.00	0.00	1.20	0.16	0.42	0.37	0.17	0.00	0.01	0.00	0.00
15	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.87	0.00	0.01	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.36	0.00
18	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.09	0.00	0.07	0.00
19	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.01	1.01	0.33	0.00	0.00
20	0.00	0.04	0.00	0.00	0.27	0.00	0.00	0.68	0.12	0.04	0.02	0.00
21	0.00	0.00	0.00	0.00	0.41	0.00	0.00	0.00	0.01	0.00	0.00	0.00
22	0.01	0.05	0.00	0.02	0.01	0.46	0.26	0.00	0.00	0.00	0.05	0.00
23	0.00	0.14	1.01	0.00	0.00	0.83	0.00	0.00	0.00	0.00	0.01	0.00
24	0.12	0.45	0.00	0.00	0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.01	0.00	0.00	0.01	0.00	0.00	0.03	0.00	0.04	0.00	0.00	0.01
27	0.02	0.29	0.00	0.00	0.55	0.90	0.02	0.00	1.82	0.00	0.00	0.00
28	0.02	0.00	0.00	0.00	0.72	1.62	0.00	0.00	0.53	0.35	0.00	0.00
29	0.05	0.00	0.00	0.00	---	0.00	0.08	0.00	0.16	1.00	0.00	0.28
30	0.00	0.00	0.00	0.11	---	0.00	0.32	0.06	0.00	0.14	0.00	0.00
31	0.00	---	0.00	0.00	---	0.25	---	0.00	---	0.04	0.00	---
TOTAL	0.93	3.98	3.37	1.62	3.35	6.12	3.03	4.62	10.12	---	2.72	0.29



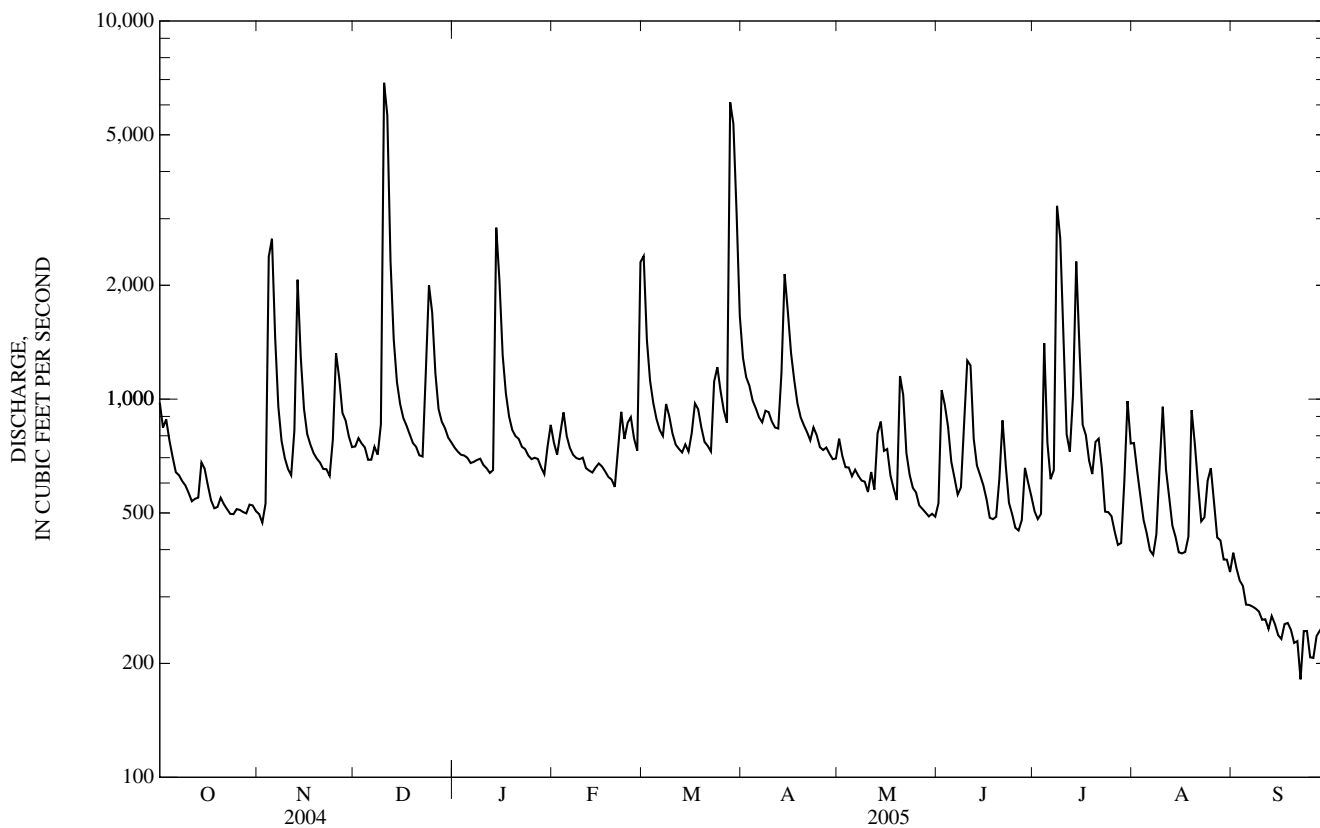
02145000 SOUTH FORK CATAWBA RIVER AT LOWELL, NC—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1942 - 2005 [@]	
ANNUAL TOTAL	316,035		302,119			
ANNUAL MEAN	863		828		799	
HIGHEST ANNUAL MEAN					1,518	2003
LOWEST ANNUAL MEAN					272	2002
HIGHEST DAILY MEAN	8,860	Sep 10	6,860	Dec 10	21,700	Aug 11, 1970
LOWEST DAILY MEAN	284	Aug 11	182	Sep 22	25	Aug 15, 2002
ANNUAL SEVEN-DAY MINIMUM	312	Aug 5	220	Sep 20	54	Aug 9, 2002
MAXIMUM PEAK FLOW			8,720	Mar 28	24,800	Aug 11, 1970
MAXIMUM PEAK STAGE			10.57	Mar 28	17.38	Aug 11, 1970
INSTANTANEOUS LOW FLOW			103*	Sep 22	13*	Aug 22, 1988
ANNUAL RUNOFF (CFSM)	1.37		1.32		1.27	
ANNUAL RUNOFF (INCHES)	18.72		17.90		17.28	
10 PERCENT EXCEEDS	1,240		1,170		1,380	
50 PERCENT EXCEEDS	655		700		566	
90 PERCENT EXCEEDS	433		394		264	

[@] See PERIOD OF RECORD.

* See REMARKS.

e Estimated.



LOCATION.--Lat 35°16'33", long 80°49'34", Mecklenburg County, Hydrologic Unit 03050103, Irwin Creek at Starita Road at Charlotte, NC.

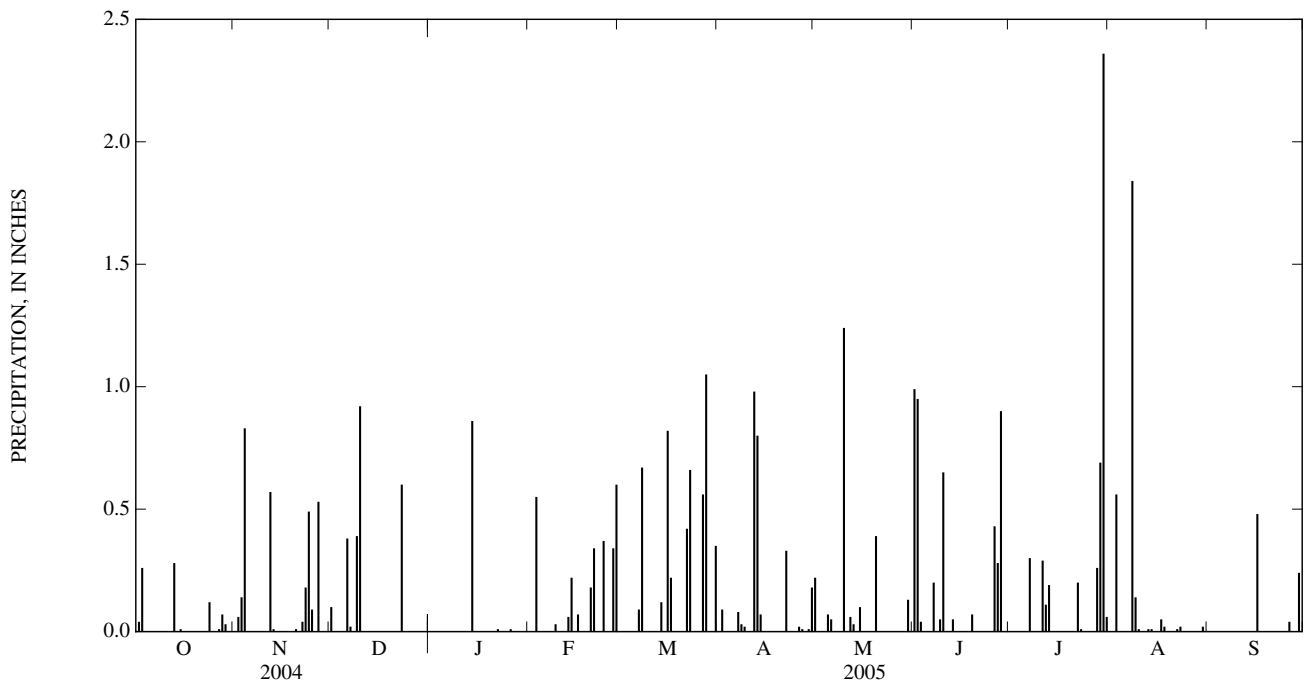
PERIOD OF RECORD.--October 1992 to current year. Records for period October 1992 to September 1998 published in USGS OFR 96-150, 98-67, and 99-273.

GAGE.--Tipping-bucket raingage and electronic datalogger. Radio telemetry at station.

REMARKS.--Gage is operated as part of Charlotte/Mecklenburg Rainfall Runoff Network. Collection of frozen precipitation during January 2005 is not reflected in daily or monthly totals.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.22	0.99	0.00	0.00	0.00
2	0.04	0.06	0.00	0.00	0.00	0.00	0.09	0.00	0.95	0.00	0.00	0.00
3	0.26	0.14	0.00	0.00	0.55	0.00	0.00	0.00	0.04	0.00	0.56	0.00
4	0.00	0.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00
6	0.00	0.00	0.38	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00
7	0.00	0.00	0.02	0.00	0.00	0.09	0.08	0.00	0.20	0.30	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.67	0.03	0.00	0.00	0.00	1.84	0.00
9	0.00	0.00	0.39	0.00	0.03	0.00	0.02	0.00	0.05	0.00	0.14	0.00
10	0.00	0.00	0.92	0.00	0.00	0.00	0.00	1.24	0.65	0.00	0.01	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.29	0.00	0.00
12	0.00	0.57	0.00	0.00	0.00	0.00	0.98	0.06	0.00	0.11	0.00	0.00
13	0.28	0.01	0.00	0.00	0.06	0.00	0.80	0.03	0.05	0.19	0.01	0.00
14	0.00	0.00	0.00	0.86	0.22	0.12	0.07	0.00	0.00	0.00	0.01	0.00
15	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.07	0.82	0.00	0.00	0.00	0.00	0.00	0.48
17	0.00	0.00	0.00	0.00	0.00	0.22	0.00	0.00	0.00	0.00	0.05	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00
20	0.00	0.01	0.00	0.00	0.18	0.00	0.00	0.39	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.04	0.00	0.01	0.00	0.42	0.33	0.00	0.00	0.20	0.01	0.00
23	0.00	0.18	0.60	0.00	0.00	0.66	0.00	0.00	0.00	0.01	0.02	0.00
24	0.12	0.49	0.00	0.00	0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.01	0.00	0.00	0.02	0.00	0.43	0.00	0.00	0.04
27	0.01	0.53	0.00	0.00	0.34	0.56	0.01	0.00	0.28	0.00	0.00	0.00
28	0.07	0.00	0.00	---	0.60	1.05	0.00	0.00	0.90	0.26	0.00	0.00
29	0.03	0.00	0.00	---	---	0.00	0.01	0.00	0.00	0.69	0.00	0.24
30	0.00	0.00	0.00	---	---	0.00	0.18	0.13	0.00	2.36	0.02	0.00
31	0.00	---	0.00	0.00	---	0.35	---	0.00	---	0.06	0.00	---
TOTAL	0.82	2.95	2.41	---	2.76	4.96	2.62	2.29	4.61	4.47	2.69	0.76



02146211 IRWIN CREEK AT STATESVILLE AVENUE AT CHARLOTTE, NC

LOCATION.--Lat 35°15'43", long 80°50'13", Mecklenburg County, Hydrologic Unit 03050103, on left bank on upstream side of bridge on Statesville Avenue (U.S. Highway 21), 1,000 ft upstream from Kennedy Branch, 0.2 mi upstream from Interstate Highway 77, and 2.5 mi north of Trade and Tryon Street intersection in downtown Charlotte.

DRAINAGE AREA.--5.97 mi².

PERIOD OF RECORD.--Occasional low-flow measurements, water years 1969-80, October 1981 to September 1994, November 1997 to September 2001, June 2004 to current water year.

REVISED RECORDS.--WDR NC-84-1: 1982.

GAGE.--Water-stage recorder and concrete control. Datum of gage is 656.04 ft above North American Vertical Datum of 1988, from levels. Radio telemetry at station.

REMARKS.--Records fair except those for estimated daily discharges, which are poor. A 140-acre solid-waste landfill, used 1940 to 1970, is located just upstream from station. No flow for parts of Aug. 1,3,4, 1987, occurred as a result of upstream construction; minimum discharge not affected by construction: 0.12 ft³/s, Aug. 30,31, 1987. Maximum discharge and gage-height for period June to September 2004 also occurred Sept. 8, 2004. Minimum discharge for period June to September 2004 also occurred June 13, July 14, 2004. Minimum discharge for current water year also occurred Sept. 30.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	1.2	2.6	6.7	1.3
2	---	---	---	---	---	---	---	---	0.95	1.6	1.8	1.1
3	---	---	---	---	---	---	---	---	0.89	1.9	1.1	1.2
4	---	---	---	---	---	---	---	---	1.6	2.0	0.98	1.2
5	---	---	---	---	---	---	---	---	0.93	3.6	2.0	1.2
6	---	---	---	---	---	---	---	---	0.88	1.6	1.0	2.1
7	---	---	---	---	---	---	---	---	0.88	1.3	0.83	214
8	---	---	---	---	---	---	---	---	0.88	1.3	0.84	211
9	---	---	---	---	---	---	---	---	1.0	1.2	0.82	6.6
10	---	---	---	---	---	---	---	---	0.89	1.2	0.83	2.6
11	---	---	---	---	---	---	---	---	0.85	2.3	4.6	1.9
12	---	---	---	---	---	---	---	---	0.77	1.4	109	1.6
13	---	---	---	---	---	---	---	---	4.4	1.2	32	1.4
14	---	---	---	---	---	---	---	---	43	0.91	32	1.3
15	---	---	---	---	---	---	---	---	6.9	0.89	3.4	1.2
16	---	---	---	---	---	---	---	---	5.9	0.83	1.8	1.3
17	---	---	---	---	---	---	---	---	1.4	26	1.4	51
18	---	---	---	---	---	---	---	---	1.2	11	1.3	4.2
19	---	---	---	---	---	---	---	---	1.0	1.5	1.2	1.9
20	---	---	---	---	---	---	---	---	0.97	1.1	1.3	1.5
21	---	---	---	---	---	---	---	---	95	1.1	1.2	1.4
22	---	---	---	---	---	---	---	---	4.3	1.1	1.6	1.3
23	---	---	---	---	---	---	---	---	17	1.00	1.2	1.4
24	---	---	---	---	---	---	---	---	6.0	0.96	1.1	1.4
25	---	---	---	---	---	---	---	---	99	1.1	0.99	1.3
26	---	---	---	---	---	---	---	---	28	1.2	0.98	1.2
27	---	---	---	---	---	---	---	---	4.2	51	1.00	90
28	---	---	---	---	---	---	---	---	2.4	2.2	1.2	225
29	---	---	---	---	---	---	---	---	1.9	6.1	7.0	6.1
30	---	---	---	---	---	---	---	---	1.7	1.8	13	2.7
31	---	---	---	---	---	---	---	---	---	1.3	8.4	---
TOTAL	---	---	---	---	---	---	---	---	335.99	134.29	242.57	841.4
MEAN	---	---	---	---	---	---	---	---	11.2	4.33	7.82	28.0
MAX	---	---	---	---	---	---	---	---	99	51	109	225
MIN	---	---	---	---	---	---	---	---	0.77	0.83	0.82	1.1
IN.	---	---	---	---	---	---	---	---	2.09	0.84	1.51	5.24

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 2004,[@] BY WATER YEAR (WY)

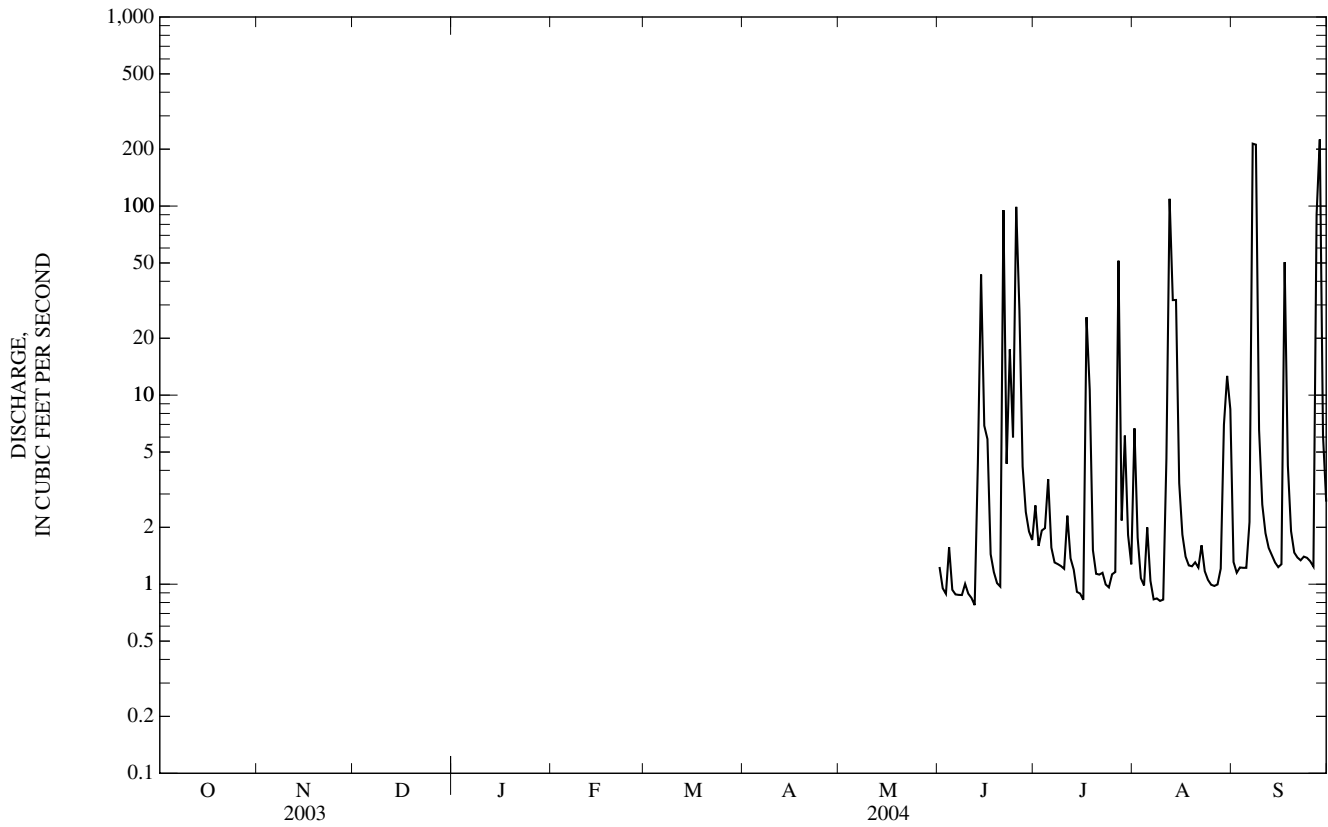
MEAN	4.87	6.09	6.81	11.2	13.6	13.7	7.57	6.21	6.17	3.59	4.17	5.24
MAX	23.8	27.8	21.3	22.9	38.8	30.6	16.0	16.5	24.9	8.15	11.3	28.0
(WY)	(1991)	(1986)	(1984)	(1993)	(1995)	(1993)	(1998)	(1990)	(1982)	(1984)	(1985)	(2004)
MIN	0.88	1.08	1.64	2.99	4.06	2.99	2.71	1.94	0.89	0.93	0.39	0.47
(WY)	(2001)	(1982)	(2001)	(2001)	(2001)	(1985)	(1986)	(1986)	(1986)	(1986)	(1987)	(1983)

02146211 IRWIN CREEK AT STATESVILLE AVENUE AT CHARLOTTE, NC—Continued

SUMMARY STATISTICS	FOR 2004 WATER YEAR		WATER YEARS 1981 - 2004 [@]	
ANNUAL MEAN			7.09	
HIGHEST ANNUAL MEAN			10.7	1984
LOWEST ANNUAL MEAN			3.25	2001
HIGHEST DAILY MEAN	225	Sep 28	388	Nov 21, 1985
LOWEST DAILY MEAN	0.77	Jun 12	0.16	Aug 1, 1986
ANNUAL SEVEN-DAY MINIMUM	0.88	Jun 6	0.25	Aug 20, 2001
MAXIMUM PEAK FLOW	1,250*	Sep 7	1,430	Jun 18, 1982
MAXIMUM PEAK STAGE	7.12*	Sep 7	7.58	Jun 18, 1982
INSTANTANEOUS LOW FLOW	0.72*	Jun 12	0.00*	Aug 1, 1987
ANNUAL RUNOFF (INCHES)			16.13	
10 PERCENT EXCEEDS			13	
50 PERCENT EXCEEDS			2.4	
90 PERCENT EXCEEDS			0.70	

[@] See PERIOD OF RECORD.

* See REMARKS.



02146211 IRWIN CREEK AT STATESVILLE AVENUE AT CHARLOTTE, NC—Continued

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	2.0	1.4	2.2	1.6	e2.2	7.7	8.3	7.7	14	1.3	1.4	0.67
2	2.0	2.5	1.6	1.6	2.1	4.2	8.9	3.4	43	1.2	1.0	0.51
3	5.7	1.6	1.5	1.7	23	3.4	5.0	3.1	4.0	1.1	14	0.45
4	2.0	21	1.4	1.7	5.0	2.9	4.5	3.1	2.3	1.1	2.1	0.44
5	1.6	3.0	1.4	1.8	3.0	2.7	4.3	3.4	1.8	1.1	1.0	0.46
6	1.6	1.7	6.8	1.7	2.4	2.4	4.1	3.3	1.6	1.1	0.88	0.47
7	2.1	1.5	3.2	1.7	2.3	2.7	4.7	3.3	2.4	5.7	0.88	0.54
8	2.1	1.4	1.9	1.7	2.3	36	4.9	2.7	3.0	1.4	62	0.42
9	2.2	1.3	5.2	1.6	2.3	5.6	4.1	2.7	5.9	1.1	12	0.49
10	1.7	1.2	66	1.7	2.3	3.7	3.7	63	12	1.1	3.0	0.72
11	2.2	1.2	5.6	1.7	2.1	3.1	3.7	10	3.3	3.4	1.7	0.51
12	1.9	12	3.0	1.7	2.1	2.8	36	3.1	1.8	2.0	1.2	0.54
13	5.3	2.7	2.3	1.7	2.3	2.7	34	2.3	1.8	3.2	2.9	0.62
14	1.5	1.6	2.0	36	7.1	3.4	35	2.0	1.6	1.2	2.8	0.67
15	1.4	1.6	1.9	3.6	2.8	2.4	7.8	1.4	1.5	0.98	1.1	0.62
16	1.1	1.6	e1.7	2.5	3.1	24	5.2	1.2	1.2	0.92	0.91	5.9
17	1.2	1.3	1.7	2.1	2.4	25	4.6	1.5	1.2	0.94	1.2	0.72
18	1.6	1.2	1.6	e1.9	2.0	5.8	4.3	1.6	1.2	0.97	0.93	0.59
19	1.8	1.2	1.6	e2.0	1.9	3.9	4.1	1.6	1.1	0.94	0.94	0.63
20	1.9	1.5	e1.5	e2.0	2.8	3.4	4.2	5.3	1.1	0.93	0.94	0.65
21	1.7	1.5	e1.5	1.9	12	3.1	4.3	1.8	0.95	0.91	0.96	0.54
22	1.6	1.6	e1.5	e1.9	4.7	13	8.8	1.6	0.87	1.9	1.0	0.57
23	1.5	2.7	15	e1.7	2.7	55	4.7	1.5	0.96	0.89	0.92	0.56
24	1.9	11	3.3	e1.7	17	8.1	3.5	1.6	1.0	0.67	1.8	0.59
25	1.4	5.1	2.2	e1.9	4.3	4.7	3.3	1.3	1.0	0.67	0.93	0.53
26	1.5	2.0	e1.9	1.9	3.0	4.4	3.4	1.3	8.0	0.71	0.73	0.59
27	2.3	11	e1.7	e1.7	5.3	8.8	3.7	1.3	4.3	0.65	0.72	0.60
28	4.4	7.7	e1.7	e1.6	61	124	3.8	1.2	28	2.7	0.79	0.46
29	2.6	2.3	1.7	e3.0	---	13	3.7	1.2	2.8	17	0.82	1.0
30	1.6	1.8	1.7	e1.3	---	7.3	6.4	1.7	1.6	94	0.81	0.39
31	1.6	---	1.6	e3.0	---	17	---	1.3	---	5.0	0.75	---
TOTAL	65.0	109.2	147.9	105.3	185.5	406.2	237.0	141.5	155.28	156.78	123.11	22.45
MEAN	2.10	3.64	4.77	3.40	6.62	13.1	7.90	4.56	5.18	5.06	3.97	0.75
MAX	5.7	21	66	36	61	124	36	63	43	94	62	5.9
MIN	1.1	1.2	1.4	1.6	1.9	2.4	3.3	1.2	0.87	0.65	0.72	0.39
IN.	0.41	0.68	0.92	0.66	1.16	2.53	1.48	0.88	0.97	0.98	0.77	0.14

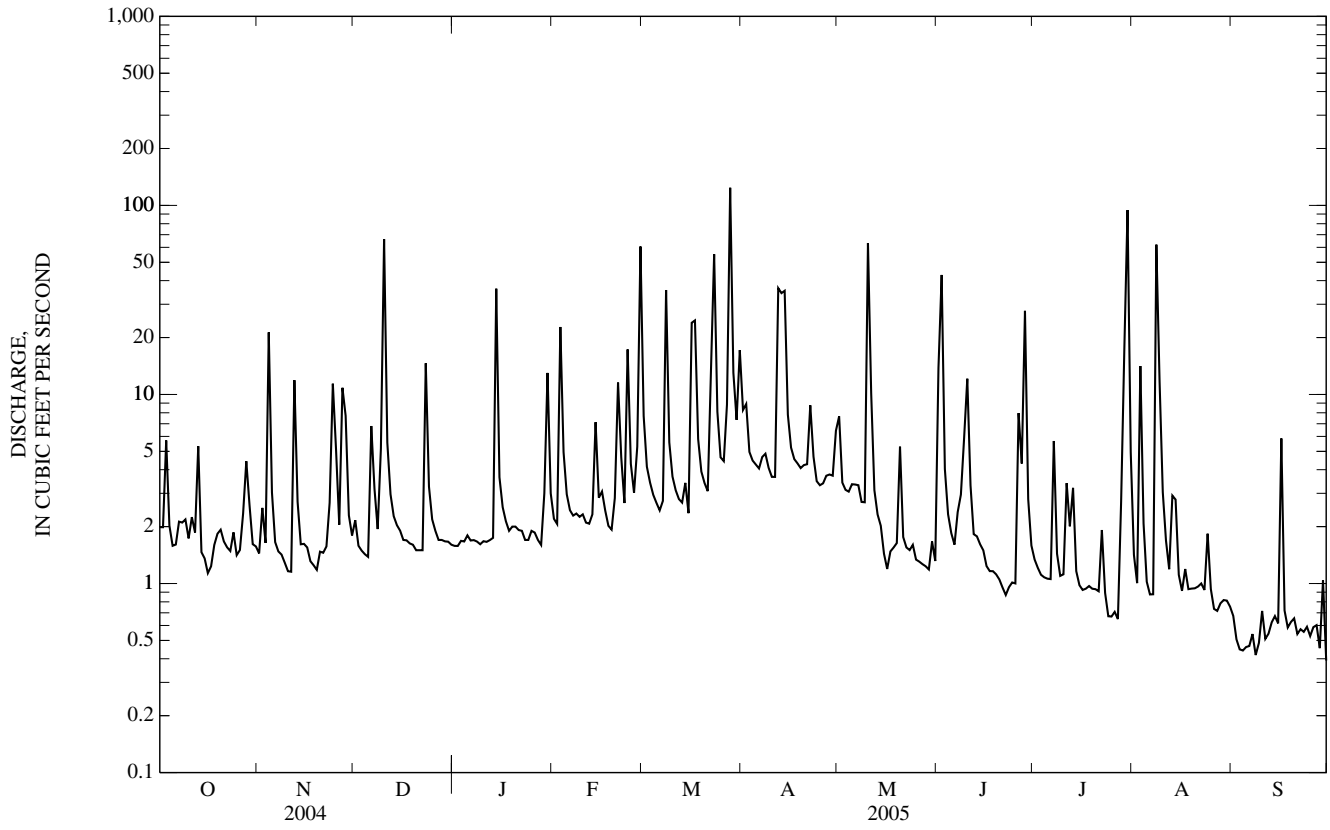
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 2005, @ BY WATER YEAR (WY)

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
MEAN	4.73	5.96	6.70	10.8	13.2	13.7	7.59	6.12	6.12	3.66	4.16	5.00													
MAX	23.8	27.8	21.3	22.9	38.8	30.6	16.0	16.5	24.9	8.15	11.3	28.0													
(WY)	(1991)	(1986)	(1984)	(1993)	(1995)	(1993)	(1998)	(1990)	(1982)	(1984)	(1985)	(2004)													
MIN	0.88	1.08	1.64	2.99	4.06	2.99	2.71	1.94	0.89	0.93	0.39	0.47													
(WY)	(2001)	(1982)	(2001)	(2001)	(2001)	(1985)	(1986)	(1986)	(1986)	(1986)	(1987)	(1983)													

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR	FOR 2005 WATER YEAR	WATER YEARS 1981 - 2005 @
ANNUAL TOTAL		1,855.22	
ANNUAL MEAN		5.08	6.97
HIGHEST ANNUAL MEAN			10.7
LOWEST ANNUAL MEAN			3.25
HIGHEST DAILY MEAN	225	Sep 28	388
LOWEST DAILY MEAN	0.77	Jun 12	0.16
ANNUAL SEVEN-DAY MINIMUM	0.88	Jun 6	0.25
MAXIMUM PEAK FLOW		1,220	1,430
MAXIMUM PEAK STAGE		7.06	7.58
INSTANTANEOUS LOW FLOW		0.32*	0.00*
ANNUAL RUNOFF (INCHES)		11.56	15.86
10 PERCENT EXCEEDS		8.8	13
50 PERCENT EXCEEDS		1.9	2.3
90 PERCENT EXCEEDS		0.80	0.70

@ See PERIOD OF RECORD.
* See REMARKS.
e Estimated.

02146211 IRWIN CREEK AT STATESVILLE AVENUE AT CHARLOTTE, NC—Continued



0214627970 STEWART CREEK AT STATE STREET AT CHARLOTTE, NC

LOCATION.--Lat 35°14'25", long 80°52'06", Mecklenburg County, Hydrologic Unit 03050103, on right upstream side of culvert on State Street, 1.1 mi upstream of Irwin Creek, and 2.1 mi northwest of city hall, Charlotte.

DRAINAGE AREA.--9.27 mi².

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

GAGE.--Water-stage recorder. Datum of gage is 630.54 ft above North American Vertical Datum of 1988. Radio telemetry at station.

REMARKS.--Records fair except those for estimated daily discharges and those above 500 ft³/s, which are poor. Maximum discharge for period of record and current water year from rating curve extended above 500 ft³/s on basis of culvert computation of peak flow. Minimum discharge for period of record and current water year affected by regulation of unknown origin. Minimum discharge for current water year also occurred Sept. 30.

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	8.8	6.5	7.3	6.1	6.3	e13	12	17	31	12	8.1	4.6
2	6.6	7.0	5.5	6.1	6.7	e9.0	14	7.5	72	11	5.3	5.3
3	16	6.9	5.5	5.8	39	9.7	9.4	7.9	11	9.4	13	4.1
4	6.6	50	4.7	6.2	9.9	8.3	11	7.5	8.2	7.3	7.2	5.3
5	6.1	9.4	5.4	e5.8	6.7	8.5	10	6.5	6.5	8.5	6.3	5.2
6	5.5	5.6	17	e6.2	7.7	7.1	11	8.5	7.2	8.4	4.5	5.2
7	4.6	5.7	7.5	5.5	6.5	8.8	10	7.9	6.0	28	5.8	4.7
8	e5.0	5.8	5.6	6.2	6.8	58	8.6	6.8	12	7.0	74	5.8
9	e5.8	6.4	19	6.1	6.0	10	7.9	6.4	16	7.0	17	5.1
10	e5.3	4.7	126	5.5	7.4	11	8.7	32	12	7.5	8.4	4.1
11	e4.8	4.8	13	5.4	5.6	9.2	10	11	8.7	18	7.1	3.6
12	e5.0	25	9.0	8.1	6.5	9.0	60	8.8	e7.7	13	7.5	5.8
13	10	7.6	7.5	7.8	6.3	7.5	37	8.1	7.4	15	6.9	3.5
14	6.2	4.9	6.5	75	16	10	50	6.5	6.8	7.6	6.4	4.6
15	5.0	5.3	7.0	7.8	6.5	7.4	14	9.3	6.2	6.7	6.0	4.7
16	5.4	5.4	6.5	7.6	6.8	40	9.6	6.5	6.5	4.9	5.9	18
17	5.6	5.3	6.9	6.8	6.5	e35	9.4	7.0	6.2	6.5	8.9	4.9
18	5.3	3.9	7.1	5.8	5.8	e12	e8.9	6.5	5.6	6.9	5.4	4.4
19	5.7	4.6	7.4	8.0	5.6	10	7.7	6.8	90	6.2	6.5	4.3
20	5.8	5.0	6.7	9.3	8.2	9.7	7.2	19	15	4.8	e5.6	5.3
21	5.7	5.0	6.2	8.1	23	8.5	8.6	6.8	11	6.7	e6.1	5.9
22	5.3	4.8	6.3	5.9	8.6	26	16	6.2	8.8	21	e4.0	4.8
23	5.2	8.1	31	6.0	6.8	76	8.6	8.1	9.4	7.1	8.5	5.2
24	7.1	27	8.2	6.6	28	15	7.5	7.0	10	5.9	6.5	5.6
25	5.5	13	6.7	9.6	8.2	11	9.8	5.7	9.9	7.7	5.9	4.8
26	5.5	5.5	6.6	7.9	7.3	8.1	8.0	5.9	17	5.5	4.0	3.9
27	4.0	27	7.0	6.2	11	17	7.9	7.6	30	6.5	5.2	6.8
28	6.3	16	6.0	5.2	88	200	6.7	6.1	55	28	5.0	5.8
29	9.5	6.7	5.9	8.0	---	21	8.6	6.2	15	36	5.4	9.1
30	5.3	5.1	5.8	19	---	13	15	7.6	8.7	74	5.4	5.0
31	5.4	---	6.5	7.9	---	27	---	6.9	---	14	5.8	---
TOTAL	193.9	298.0	377.3	291.5	357.7	715.8	413.1	271.6	516.8	408.1	277.6	165.4
MEAN	6.25	9.93	12.2	9.40	12.8	23.1	13.8	8.76	17.2	13.2	8.95	5.51
MAX	16	50	126	75	88	200	60	32	90	74	74	18
MIN	4.0	3.9	4.7	5.2	5.6	7.1	6.7	5.7	5.6	4.8	4.0	3.5
CFSM	0.67	1.07	1.31	1.01	1.38	2.49	1.49	0.95	1.86	1.42	0.97	0.59
IN.	0.78	1.20	1.51	1.17	1.44	2.87	1.66	1.09	2.07	1.64	1.11	0.66

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2000 - 2005, BY WATER YEAR (WY)

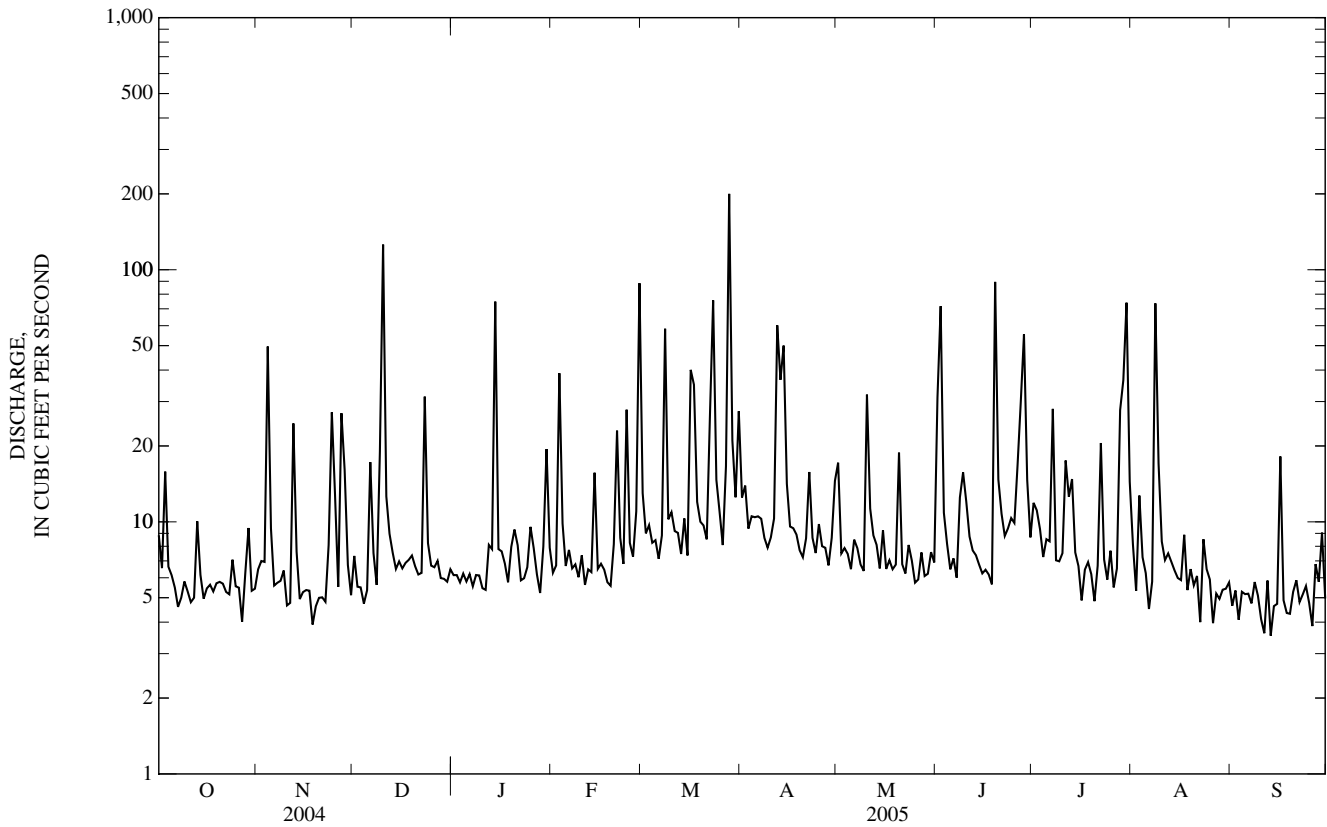
MEAN	11.6	10.6	13.7	11.3	13.9	24.1	18.0	19.3	19.1	15.2	14.9	15.3
MAX	28.0	16.6	25.6	16.8	19.3	49.7	49.0	58.9	49.8	27.3	42.3	34.2
(WY)	(2003)	(2003)	(2003)	(2002)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2004)
MIN	6.25	6.96	9.46	7.24	9.54	8.09	7.07	8.76	7.75	8.41	6.37	5.51
(WY)	(2005)	(2004)	(2001)	(2004)	(2002)	(2004)	(2002)	(2005)	(2000)	(2001)	(2001)	(2005)

0214627970 STEWART CREEK AT STATE STREET AT CHARLOTTE, NC—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 2000 - 2005	
ANNUAL TOTAL	4,846.0		4,286.8			
ANNUAL MEAN	13.2		11.7		15.8	
HIGHEST ANNUAL MEAN					32.6	2003
LOWEST ANNUAL MEAN					10.6	2002
HIGHEST DAILY MEAN	300	Sep 7	200	Mar 28	923	May 22, 2003
LOWEST DAILY MEAN	3.3	Jul 21	3.5	Sep 13	3.3	Jul 21, 2004
ANNUAL SEVEN-DAY MINIMUM	3.8	Jul 19	4.5	Sep 9	3.8	Jul 19, 2004
MAXIMUM PEAK FLOW			1,220	Jun 19	3,100*	Jun 7, 2003
MAXIMUM PEAK STAGE			5.67	Jun 19	9.47	Jun 7, 2003
INSTANTANEOUS LOW FLOW			2.2*	Sep 13	1.6*	Aug 6, 2002
ANNUAL RUNOFF (CFSM)	1.43		1.27		1.71	
ANNUAL RUNOFF (INCHES)	19.45		17.20		23.22	
10 PERCENT EXCEEDS	19		19		23	
50 PERCENT EXCEEDS	6.3		7.0		7.8	
90 PERCENT EXCEEDS	4.6		5.1		5.3	

* See REMARKS.

e Estimated.



02146285 STEWART CREEK AT WEST MOREHEAD STREET AT CHARLOTTE, NC

LOCATION.--Lat 35°13'42", long 80°52'09", Mecklenburg County, Hydrologic Unit 03050103, on right bank at bridge on West Morehead Street (US 29), 0.5 mi upstream of Irwin Creek, and 1.8 mi northeast of city hall, Charlotte.

DRAINAGE AREA.--11.1 mi².

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

REVISED RECORDS.--WDR NC-03-1B: 2001, 2002.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 617.43 ft above North American Vertical Datum of 1988. Radio telemetry at station.

REMARKS.--Records fair except those for estimated daily discharges, which are poor. 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 values on the daily values table are days when flow exceeded rating. Minimum discharge for period of record and current water year affected by regulation of unknown origin. Minimum discharge for period of record also occurred Aug. 5, 6, 2002.

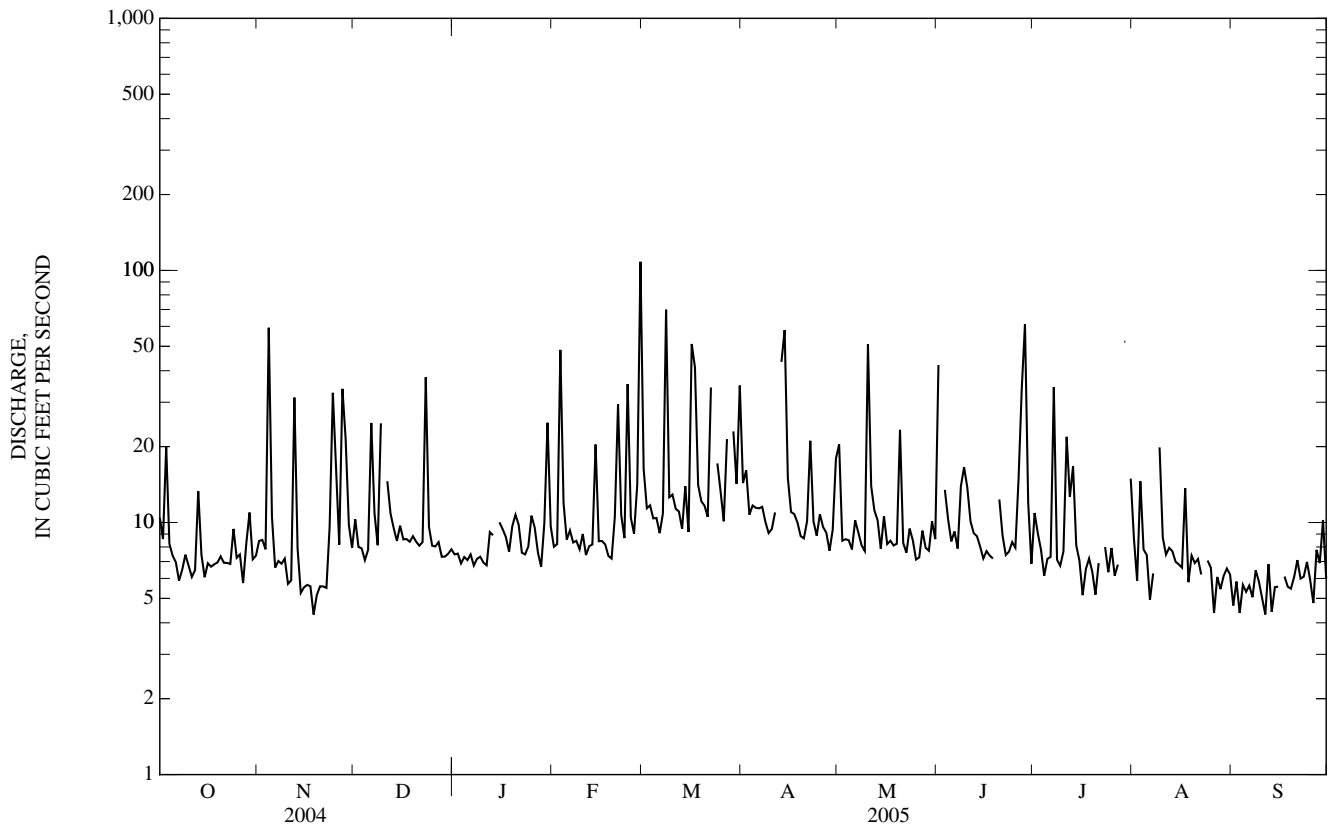
DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10	8.5	10	7.5	8.0	16	14	20	42	11	8.6	4.7
2	8.6	8.5	8.0	7.5	8.2	11	16	8.5	---	9.1	5.9	5.8
3	20	7.8	7.9	6.9	48	12	11	8.6	13	7.8	15	4.4
4	8.2	59	7.1	7.3	12	10	12	8.5	10	6.2	7.8	5.7
5	7.4	11	7.8	7.1	8.5	10	11	7.8	8.4	7.2	7.4	5.3
6	7.0	6.6	25	7.5	9.3	9.1	11	10	9.2	7.3	4.9	5.6
7	5.9	7.0	11	6.7	8.3	11	12	9.1	7.9	34	6.3	5.1
8	6.5	6.9	8.1	7.2	8.5	70	10	8.1	14	7.1	---	6.5
9	7.5	7.2	25	7.3	7.8	13	9.1	7.7	17	6.7	20	5.8
10	6.7	5.7	---	6.9	9.0	13	9.4	51	14	7.7	8.7	5.0
11	6.1	5.9	15	6.8	7.4	11	11	14	10	22	7.5	4.3
12	6.5	31	11	9.2	8.1	11	---	11	9.1	13	7.9	6.8
13	13	7.9	9.5	8.9	8.2	9.4	43	10	8.8	17	7.7	4.4
14	7.4	5.3	8.5	---	20	14	e58	7.9	8.0	8.1	7.0	5.5
15	6.1	5.5	9.7	10	8.4	9.2	e15	11	e7.2	7.0	6.8	5.6
16	6.9	5.7	8.6	9.4	8.4	51	e11	8.2	e7.7	5.2	6.6	---
17	6.7	5.6	8.6	8.8	8.2	41	e11	8.5	7.4	6.5	14	6.1
18	6.8	4.3	8.4	7.7	7.4	14	e10	8.1	7.2	7.2	5.8	5.6
19	6.9	5.2	8.8	9.7	7.2	12	8.8	8.2	---	6.4	7.4	5.5
20	7.3	5.6	8.4	11	11	12	8.7	23	12	5.2	6.9	6.1
21	6.9	5.6	8.1	9.8	29	11	10	8.3	8.9	6.9	7.2	7.1
22	6.9	5.5	8.4	7.6	11	34	21	7.6	7.4	---	6.2	6.0
23	6.8	9.6	38	7.5	8.7	---	10	9.5	7.7	8.0	---	6.1
24	9.4	33	9.6	8.0	35	17	8.9	8.5	8.4	6.4	7.1	7.0
25	7.2	17	8.1	11	10	13	11	7.1	7.9	7.9	6.6	5.9
26	7.5	8.2	8.0	9.5	9.0	10	9.6	7.3	15	6.2	4.4	4.8
27	5.8	34	8.4	7.6	14	21	9.1	9.3	34	6.8	6.1	7.8
28	8.3	21	7.3	6.7	108	---	7.7	7.9	61	---	5.4	6.9
29	11	9.8	7.3	9.9	---	23	9.4	7.7	12	52	6.1	10
30	7.1	7.9	7.5	25	---	14	18	10	6.9	---	6.6	6.0
31	7.4	---	7.8	9.6	---	35	---	8.6	---	15	6.2	---

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 2001 - 2005	
LOWEST DAILY MEAN	4.3	Nov 18	4.3	Nov 18	3.7	Sep 13, 2002
ANNUAL SEVEN-DAY MINIMUM	5.3	Nov 14	5.2	Sep 1	4.7	Sep 7, 2002
MAXIMUM PEAK STAGE			10.63	Jul 30	13.14	Jun 7, 2003
INSTANTANEOUS LOW FLOW			2.6*	Sep 1	1.8*	Aug 1, 2002

* See REMARKS.
e Estimated.

02146285 STEWART CREEK AT WEST MOREHEAD STREET AT CHARLOTTE, NC—Continued



02146300 IRWIN CREEK NEAR CHARLOTTE, NC

LOCATION.--Lat 35°11'52", long 80°54'16", Mecklenburg County, Hydrologic Unit 03050103, on left bank at sewage-disposal plant of city of Charlotte, 2,200 ft upstream from Southern Railway bridge, 0.7 mi upstream from Taggart Creek, and 4.2 mi southwest of city hall, Charlotte.

DRAINAGE AREA.--30.7 mi².

PERIOD OF RECORD.--May 1962 to current year. Prior to October 1963, published as "Sugar (Irwin) Creek at Charlotte".

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

GAGE.--Water-stage recorder. Datum of gage is 590.87 ft above North American Vertical Datum of 1988. Radio telemetry at station.

REMARKS.--Records good, except those for estimated daily discharges which are poor. Maximum discharge for period of record from rating curve extended above 7,500 ft³/s on basis of step-backwater computation. Minimum discharge for period of record also occurred July 14, 1986. Minimum discharge for current water year also occurred Sept. 14, 15.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Apr. 6, 1936, reached a stage of about 17.3 ft at site 400 ft downstream, from information by plant employee. Peak may have been affected by failure of Lakewood Dam, 5 mi upstream. Flood of Jan. 6, 1962, reached a stage of 14.32 ft, from floodmarks; discharge, 4,120 ft³/s. Flood of April 11, 1962, reached a stage of 15.18 ft, from floodmarks; discharge, 4,740 ft³/s, on basis of slope-area measurement of peak flow.

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	18	11	19	13	16	48	39	52	92	36	17	6.9
2	17	11	13	13	15	27	44	18	273	17	12	8.7
3	41	14	12	13	132	23	26	16	30	13	48	6.6
4	18	131	12	13	31	21	25	17	19	11	21	7.5
5	13	23	12	13	20	20	24	15	15	11	20	7.1
6	13	12	56	13	18	18	23	20	20	12	10	7.7
7	11	12	27	13	17	19	27	16	59	81	10	6.7
8	11	11	14	12	17	176	24	15	25	17	257	8.4
9	12	11	43	12	16	31	22	15	31	11	99	7.2
10	12	9.6	341	12	18	25	20	158	47	12	24	6.9
11	11	9.9	32	12	15	22	22	59	27	43	17	5.4
12	11	78	20	14	15	21	180	47	16	21	e15	8.2
13	49	21	17	14	16	19	147	30	15	44	e12	6.7
14	13	12	14	246	52	32	185	17	14	15	e25	6.3
15	10	11	15	25	21	18	41	20	12	11	e16	6.2
16	11	11	14	19	17	136	30	15	12	9.0	e12	65
17	9.9	11	14	17	18	118	26	14	12	9.5	43	12
18	11	9.6	13	15	15	34	25	14	11	11	11	8.0
19	10	10	14	17	15	26	23	13	107	9.2	12	7.6
20	11	11	13	18	20	23	21	66	20	8.0	10	6.9
21	10	10	13	18	79	21	20	15	13	8.9	12	9.2
22	11	10	13	15	27	79	53	13	12	40	9.8	7.7
23	10	25	96	15	18	258	28	15	11	17	157	7.1
24	15	77	21	14	105	45	18	13	12	9.4	16	8.1
25	11	36	16	19	26	30	20	11	11	11	12	7.6
26	11	14	14	18	20	23	19	12	33	9.4	8.3	6.5
27	9.7	62	14	14	24	39	18	13	54	11	9.6	8.3
28	12	62	13	13	314	653	17	12	177	95	8.5	8.3
29	16	17	13	17	---	62	18	11	28	221	9.4	16
30	11	14	13	69	---	35	48	20	13	499	10	9.4
31	11	---	13	22	---	100	---	13	---	45	9.8	---
TOTAL	440.6	757.1	954	758	1,117	2,202	1,233	785	1,221	1,368.4	953.4	294.2
MEAN	14.2	25.2	30.8	24.5	39.9	71.0	41.1	25.3	40.7	44.1	30.8	9.81
MAX	49	131	341	246	314	653	185	158	273	499	257	65
MIN	9.7	9.6	12	12	15	18	17	11	11	8.0	8.3	5.4
CFSM	0.46	0.82	1.00	0.80	1.30	2.31	1.34	0.82	1.33	1.44	1.00	0.32
IN.	0.53	0.92	1.16	0.92	1.35	2.67	1.49	0.95	1.48	1.66	1.16	0.36

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1962 - 2005, BY WATER YEAR (WY)

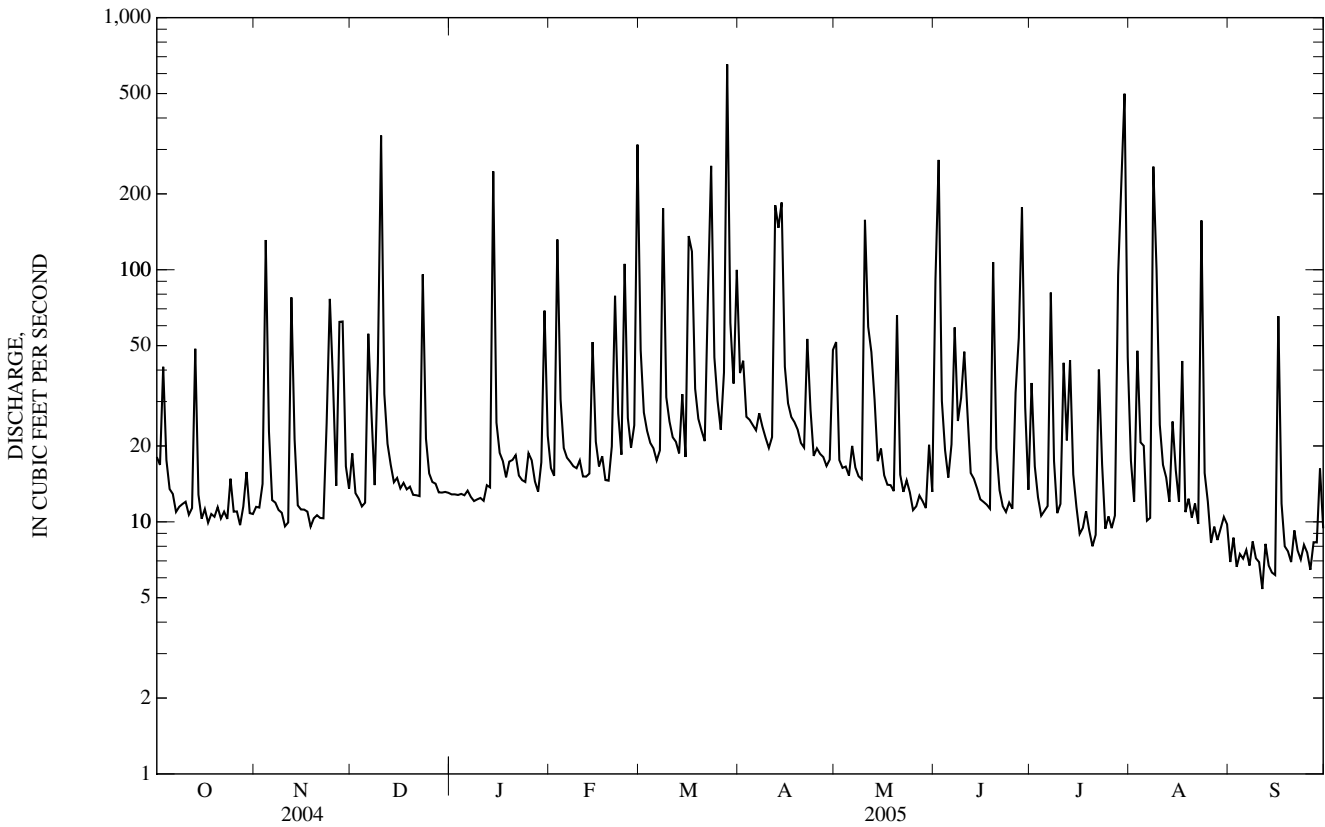
MEAN	36.6	35.0	40.0	56.0	61.9	69.6	44.3	41.3	38.1	35.4	34.3	33.7
MAX	157	137	107	123	124	161	139	204	134	215	118	135
(WY)	(1991)	(1986)	(1984)	(1993)	(1979)	(1993)	(2003)	(1975)	(2003)	(1997)	(1995)	(1975)
MIN	7.35	9.32	10.2	13.4	20.1	18.5	14.9	14.0	6.95	6.67	7.97	6.00
(WY)	(2001)	(1982)	(1966)	(1981)	(2002)	(1985)	(1981)	(1986)	(1986)	(1986)	(1987)	(1983)

02146300 IRWIN CREEK NEAR CHARLOTTE, NC—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1962 - 2005	
ANNUAL TOTAL	13,736.4		12,083.7		43.9	
ANNUAL MEAN	37.5		33.1		85.4	
HIGHEST ANNUAL MEAN					24.0	
LOWEST ANNUAL MEAN					1981	
HIGHEST DAILY MEAN	818	Sep 7	653	Mar 28	5,010	Jul 23, 1997
LOWEST DAILY MEAN	8.2	Jul 15	5.4	Sep 11	3.1	Sep 25, 1983
ANNUAL SEVEN-DAY MINIMUM	9.7	Aug 4	6.7	Sep 9	3.5	Oct 5, 1993
MAXIMUM PEAK FLOW			3,510	Jul 30	11,600*	Jul 23, 1997
MAXIMUM PEAK STAGE			12.18	Jul 30	20.38	Jul 23, 1997
INSTANTANEOUS LOW FLOW			4.3*	Sep 11	2.8*	Jul 13, 1986
ANNUAL RUNOFF (CF5M)	1.22		1.08		1.43	
ANNUAL RUNOFF (INCHES)	16.64		14.64		19.44	
10 PERCENT EXCEEDS	64		62		79	
50 PERCENT EXCEEDS	14		15		18	
90 PERCENT EXCEEDS	9.9		9.5		8.6	

* See REMARKS.

e Estimated



02146315 TAGGART CREEK AT WEST BOULEVARD NEAR CHARLOTTE, NC

LOCATION.--Lat 35°12'24", long 80°55'19", Mecklenburg County, Hydrologic Unit 03050103, on right bank at northeast corner of intersection of Billy Graham Parkway and NC Highway 160 (West Blvd), 1.2 mi upstream of confluence with Irwin Creek, and 5.0 mi from city hall, Charlotte.

DRAINAGE AREA.--5.38 mi².

PERIOD OF RECORD.--July 1998 to current year.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage 604.27 ft above North American Vertical Datum of 1988. Radio telemetry at station.

REMARKS.--Records fair except those for estimated daily discharges, which are poor. No flow for part of Aug. 8, 2002.

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	e1.3	e0.80	1.7	1.1	1.9	5.1	5.0	6.8	16	1.4	1.3	0.82
2	e1.4	e0.80	0.72	1.0	1.8	3.3	4.9	1.8	42	1.3	1.0	0.77
3	e2.5	e1.4	0.64	1.1	24	2.3	2.8	1.5	3.0	1.2	0.88	0.62
4	e1.3	e9.3	0.60	1.2	3.9	2.1	2.4	1.3	1.9	1.2	0.88	0.57
5	e1.0	1.9	0.56	1.0	2.5	2.0	2.2	1.3	1.5	1.0	0.83	0.53
6	e1.2	0.81	9.9	1.1	1.9	1.9	2.1	2.5	18	0.91	0.65	0.65
7	e1.0	0.65	2.6	1.1	1.8	1.9	2.7	1.4	11	9.1	0.76	0.56
8	e0.90	0.84	0.85	1.1	1.7	27	3.3	1.3	4.0	1.4	58	0.55
9	e0.90	1.1	7.2	1.1	1.7	3.6	2.2	1.2	4.0	0.87	10	0.52
10	e1.0	0.99	67	1.1	1.7	2.6	1.9	12	2.6	0.89	2.1	0.52
11	e0.90	1.1	3.7	1.1	1.5	2.2	1.9	3.7	1.6	4.0	1.2	0.46
12	e0.90	12	2.2	1.2	1.5	2.2	36	6.1	1.5	1.4	11	0.53
13	e14	1.8	1.7	1.2	1.6	2.2	18	3.3	1.5	2.4	1.9	0.49
14	e1.6	0.76	1.4	42	6.7	5.4	28	1.8	1.1	1.1	1.0	0.55
15	e1.0	0.72	1.3	3.6	2.4	2.0	4.3	2.9	0.99	0.86	0.81	0.56
16	e0.90	0.63	1.2	2.6	1.7	28	3.1	2.2	0.92	0.80	0.72	11
17	e0.90	0.65	1.2	2.0	1.5	17	2.5	1.4	0.92	0.76	5.9	0.63
18	e0.80	0.67	1.2	1.8	1.4	4.4	2.3	1.2	0.91	0.71	0.95	0.24
19	e0.90	0.69	1.2	1.7	1.4	3.2	2.1	1.1	28	0.63	0.76	0.19
20	e0.90	0.69	1.2	1.8	2.7	2.5	1.9	8.8	2.3	0.55	0.58	0.18
21	e0.90	0.61	1.1	1.7	12	2.3	1.8	1.7	1.5	0.54	0.55	0.16
22	e1.0	0.65	1.1	1.7	3.1	18	6.7	1.3	1.3	0.53	0.59	0.15
23	e1.0	2.8	18	1.7	2.0	52	2.8	1.2	1.2	0.64	42	0.16
24	e1.3	14	2.5	1.5	14	5.5	1.7	1.1	1.1	0.53	2.5	0.13
25	e1.0	3.5	1.4	1.7	3.2	3.7	1.7	1.1	1.0	0.59	1.6	0.14
26	e1.0	0.89	1.2	2.0	2.1	2.9	1.6	1.0	2.4	0.68	1.3	0.19
27	e1.0	12	1.1	1.6	6.1	8.8	1.7	1.0	42	0.68	1.1	0.19
28	e1.1	5.5	1.0	1.5	61	118	1.6	1.0	35	15	0.88	0.16
29	e1.1	1.1	1.1	2.6	---	6.5	1.5	1.0	2.7	17	0.91	0.57
30	e1.3	0.77	1.1	e11	---	4.0	5.9	2.4	1.7	71	0.96	0.23
31	e1.1	---	1.1	e1.6	---	16	---	1.2	---	2.7	1.0	---
TOTAL	47.10	80.12	138.77	98.5	168.8	358.6	156.6	77.6	233.64	142.37	154.61	23.02
MEAN	1.52	2.67	4.48	3.18	6.03	11.6	5.22	2.50	7.79	4.59	4.99	0.77
MAX	14	14	67	42	61	118	36	12	42	71	58	11
MIN	0.80	0.61	0.56	1.0	1.4	1.9	1.5	1.0	0.91	0.53	0.55	0.13
CFSM	0.28	0.50	0.83	0.59	1.12	2.15	0.97	0.47	1.45	0.85	0.93	0.14
IN.	0.33	0.55	0.96	0.68	1.17	2.48	1.08	0.54	1.62	0.98	1.07	0.16

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2005, BY WATER YEAR (WY)

MEAN	3.22	2.57	4.55	4.30	5.61	8.31	6.49	6.12	6.01	4.28	5.68	4.76
MAX	9.39	6.61	14.1	6.97	8.83	20.5	22.1	30.0	16.4	9.59	22.1	12.3
(WY)	(2003)	(2003)	(2003)	(1999)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2004)
MIN	0.35	0.65	1.48	2.05	2.26	2.91	1.25	1.36	0.99	1.03	0.20	0.77
(WY)	(2001)	(2002)	(2001)	(2004)	(2002)	(1999)	(2002)	(2000)	(2002)	(2001)	(2001)	(2005)

SUMMARY STATISTICS

FOR 2004 CALENDAR YEAR

FOR 2005 WATER YEAR

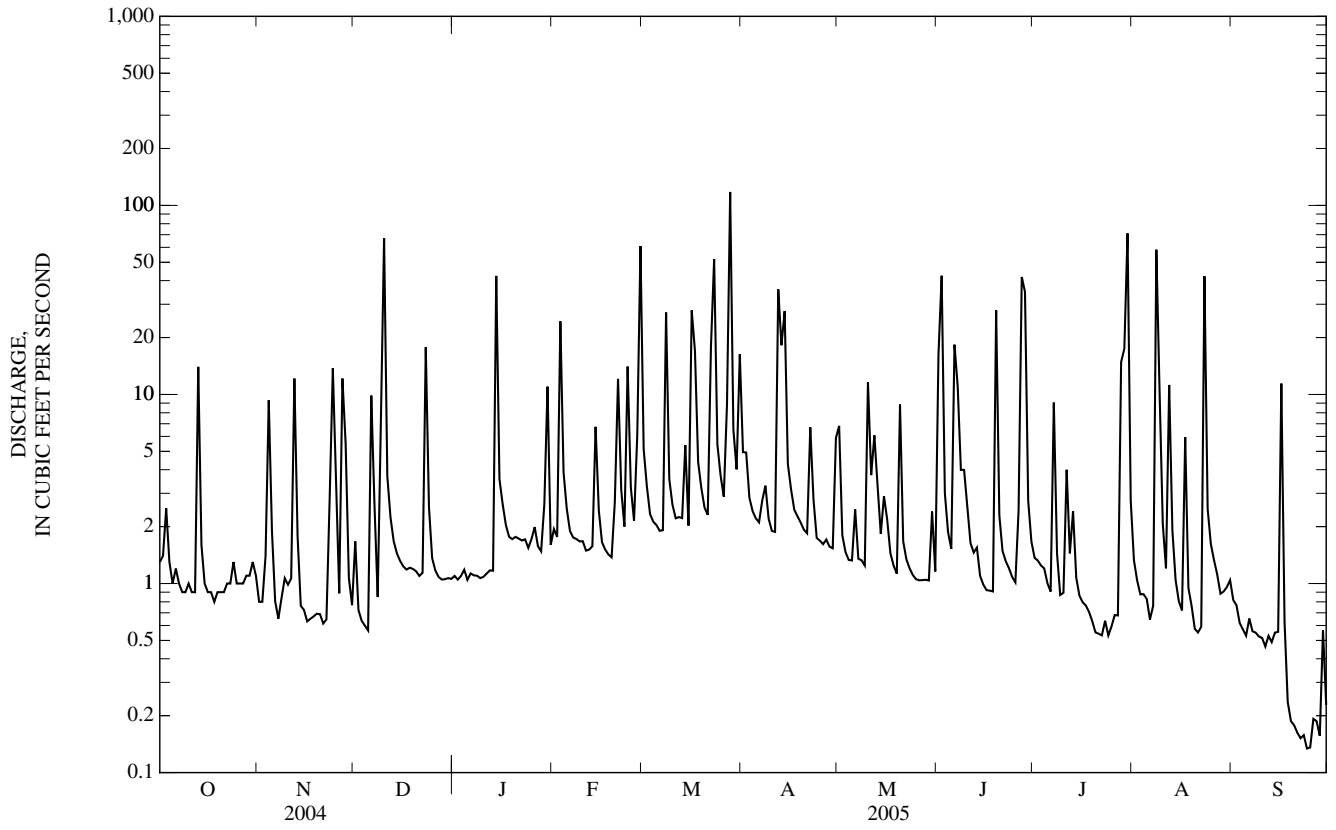
WATER YEARS 1998 - 2005

ANNUAL TOTAL	2,094.88	1,679.73		
ANNUAL MEAN	5.72	4.60		
HIGHEST ANNUAL MEAN			5.20	
LOWEST ANNUAL MEAN			14.1	2003
HIGHEST DAILY MEAN	157	Jul 17	2.35	2001
LOWEST DAILY MEAN	0.24	Jul 16	388	May 22, 2003
ANNUAL SEVEN-DAY MINIMUM	0.52	May 20	0.01	Aug 8, 2002
MAXIMUM PEAK FLOW			0.08	Aug 3, 2002
MAXIMUM PEAK STAGE			759	Aug 8
INSTANTANEOUS LOW FLOW			6.17	Aug 8
ANNUAL RUNOFF (CFSM)	1.06		0.09	Sep 24
ANNUAL RUNOFF (INCHES)	14.49		0.855	
10 PERCENT EXCEEDS	10		2,660	Jun 7, 2003
50 PERCENT EXCEEDS	1.5		10.45	Jun 7, 2003
90 PERCENT EXCEEDS	0.55		0.00*	Aug 8, 2002

* See REMARKS.

e Estimated.

02146315 TAGGART CREEK AT WEST BOULEVARD NEAR CHARLOTTE, NC—Continued



02146348 COFFEY CREEK NEAR CHARLOTTE, NC

LOCATION.--Lat 35°08'45", long 80°55'37", Mecklenburg County, Hydrologic Unit 03050103 on left bank at culvert on State Highway 49, 1.2 mi upstream from mouth, and 7.5 mi southwest of Charlotte.

DRAINAGE AREA.--9.14 mi².

PERIOD OF RECORD.-- October 1998 to current year.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 565.72 ft above North American Vertical Datum of 1988. Radio telemetry at station.

REMARKS.--No estimated daily discharges. Records fair. Maximum discharge for period of record from rating curve extended above 950 ft³/s. Minimum discharge for period of record also occurred July 13, 2002. Minimum discharge for current water year also occurred Sept. 20, 22.

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	3.7	1.3	4.1	2.6	3.3	13	14	11	15	3.9	5.0	1.1
2	2.4	1.2	2.6	2.6	2.7	6.4	11	3.5	92	3.3	3.0	0.98
3	6.9	1.7	2.5	2.5	41	4.7	7.2	2.7	9.6	1.9	1.7	0.78
4	2.9	29	2.3	3.0	11	3.9	5.7	2.3	4.5	1.6	2.2	0.68
5	2.4	5.6	2.2	2.5	5.8	3.5	5.1	2.2	3.1	1.4	5.2	0.61
6	2.6	2.2	13	2.5	4.4	3.1	4.6	3.0	3.6	1.8	1.6	0.57
7	2.5	1.8	8.8	2.2	3.9	3.0	5.5	2.1	21	16	1.4	0.57
8	1.9	1.6	4.5	2.2	3.8	32	5.2	2.5	22	4.6	38	0.81
9	1.5	1.5	12	2.1	3.4	6.0	4.4	2.1	6.4	1.9	54	0.68
10	1.5	1.6	110	2.0	3.1	4.3	3.7	5.9	7.8	1.5	7.8	0.56
11	1.4	1.5	12	2.3	2.8	3.8	3.5	7.8	3.6	3.4	3.8	0.47
12	1.4	16	6.7	2.4	3.2	3.3	42	11	2.3	2.9	8.1	0.50
13	14	5.6	6.6	2.7	3.4	3.0	59	19	2.4	2.5	6.0	0.53
14	3.3	2.4	4.1	77	9.8	6.2	71	3.7	1.9	1.7	2.0	0.53
15	2.4	1.8	3.6	6.3	5.1	2.9	11	3.6	1.6	1.4	1.7	0.59
16	2.3	1.6	3.2	4.7	3.3	37	7.0	5.6	1.4	1.0	1.4	4.1
17	1.7	1.6	2.9	3.4	2.7	28	5.6	2.2	1.4	1.3	13	1.3
18	1.7	1.6	2.8	2.9	2.5	8.4	4.8	2.1	1.4	2.8	4.7	0.55
19	1.7	1.6	2.7	2.8	2.3	5.4	4.3	1.9	38	1.2	2.0	0.36
20	1.7	1.7	2.4	2.9	3.0	4.3	3.9	17	5.9	1.3	1.4	0.49
21	1.6	1.7	2.4	2.8	19	3.7	3.5	3.7	3.2	0.92	1.2	0.54
22	1.5	1.7	2.3	2.6	6.6	19	9.9	2.5	2.1	1.9	1.0	0.40
23	1.5	6.2	26	2.5	3.7	85	6.7	2.1	3.0	1.1	35	0.43
24	2.1	26	6.0	2.2	25	13	3.5	1.9	1.6	0.82	6.6	0.45
25	1.6	9.3	4.0	2.4	5.8	7.7	3.0	1.9	1.5	0.89	2.3	0.74
26	1.3	3.1	3.3	2.4	3.9	6.0	2.8	1.9	8.7	0.90	1.8	0.50
27	1.2	12	2.9	2.2	4.1	8.3	2.8	1.9	38	0.86	1.5	0.58
28	1.2	21	2.7	1.9	109	266	2.7	1.9	82	7.3	1.3	0.57
29	1.4	4.3	2.7	2.4	---	26	2.4	1.8	9.3	62	1.1	4.6
30	1.5	3.1	2.7	17	---	12	10	5.4	3.4	66	1.4	1.9
31	1.3	---	2.7	5.5	---	33	---	2.3	---	12	1.8	---
TOTAL	76.1	171.3	266.7	175.5	297.6	661.9	325.8	138.5	397.7	212.09	219.0	27.47
MEAN	2.45	5.71	8.60	5.66	10.6	21.4	10.9	4.47	13.3	6.84	7.06	0.92
MAX	14	29	110	77	109	266	71	19	92	66	54	4.6
MIN	1.2	1.2	2.2	1.9	2.3	2.9	2.4	1.8	1.4	0.82	1.0	0.36
CFSM	0.27	0.62	0.94	0.62	1.16	2.34	1.19	0.49	1.45	0.75	0.77	0.10
IN.	0.31	0.70	1.09	0.71	1.21	2.69	1.33	0.56	1.62	0.86	0.89	0.11

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2005, BY WATER YEAR (WY)

	1999	2000	2001	2002	2003	2004	2005
MEAN	5.24	4.82	7.71	7.96	10.1	15.8	13.9
MAX	15.0	14.7	23.8	12.4	14.4	35.5	45.7
(WY)	(2000)	(2003)	(2003)	(2002)	(2000)	(2003)	(2003)
MIN	0.88	1.81	2.74	1.94	3.93	5.17	2.85
(WY)	(2001)	(2002)	(2001)	(2004)	(2002)	(1999)	(2002)

SUMMARY STATISTICS

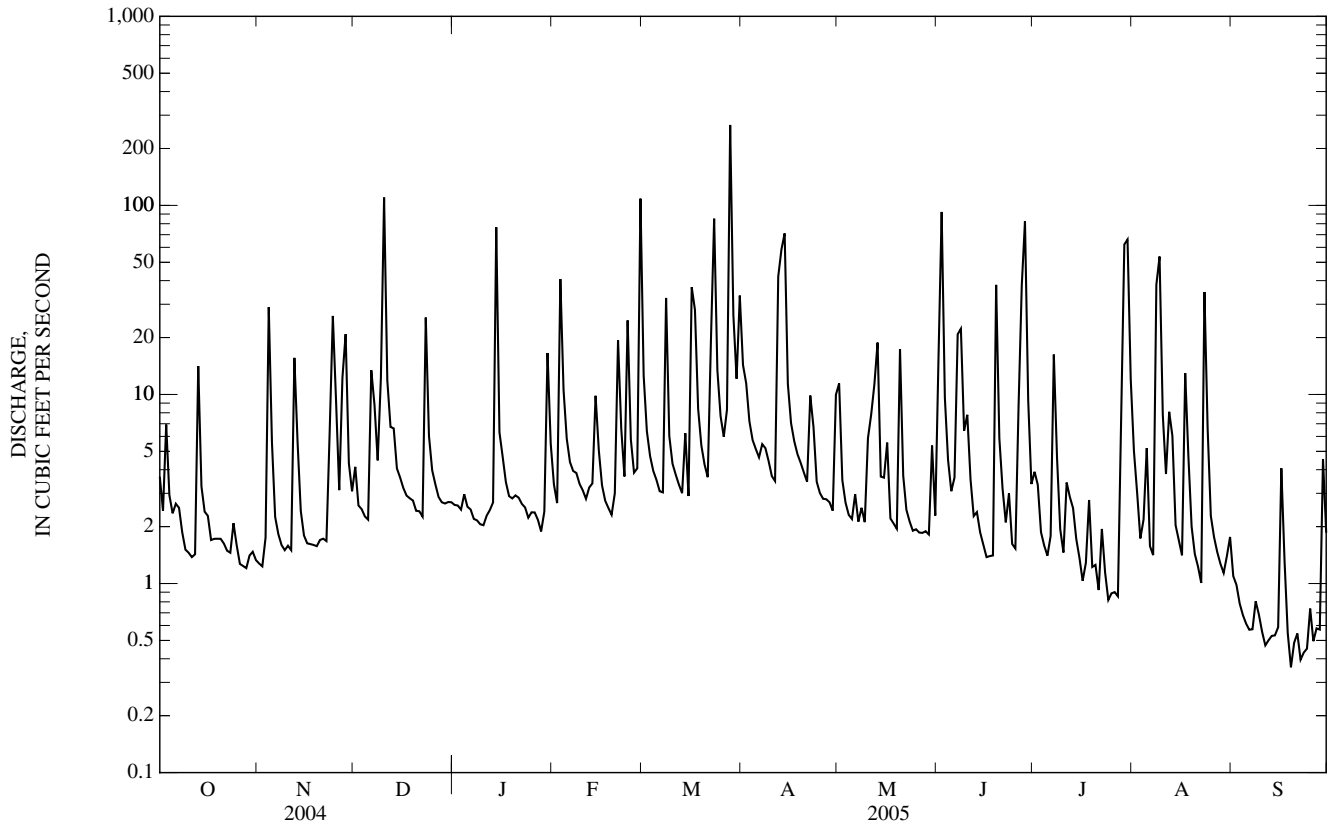
FOR 2004 CALENDAR YEAR

FOR 2005 WATER YEAR

WATER YEARS 1999 - 2005

ANNUAL TOTAL	3,293.51	2,969.66		
ANNUAL MEAN	9.00	8.14		
HIGHEST ANNUAL MEAN			9.13	
LOWEST ANNUAL MEAN			23.6	2003
HIGHEST DAILY MEAN	173	Jul 18	266	Mar 28
LOWEST DAILY MEAN	0.72	May 30	0.36	Sep 19
ANNUAL SEVEN-DAY MINIMUM	0.98	Aug 4	0.46	Sep 18
MAXIMUM PEAK FLOW			703	Mar 28
MAXIMUM PEAK STAGE			9.89	Mar 28
INSTANTANEOUS LOW FLOW			0.33*	Sep 19
ANNUAL RUNOFF (CFSM)	0.985	0.890		0.999
ANNUAL RUNOFF (INCHES)	13.40	12.09		13.57
10 PERCENT EXCEEDS	17	16		17
50 PERCENT EXCEEDS	2.7	2.8		2.6
90 PERCENT EXCEEDS	1.3	1.2		0.70

* See REMARKS.



0214635212 CRN28

LOCATION.--Lat 35°06'57", long 80°54'49", Mecklenburg County, Hydrologic Unit 03050103, unnamed tributary to Sugar Creek at Crompton Street, Charlotte, NC.

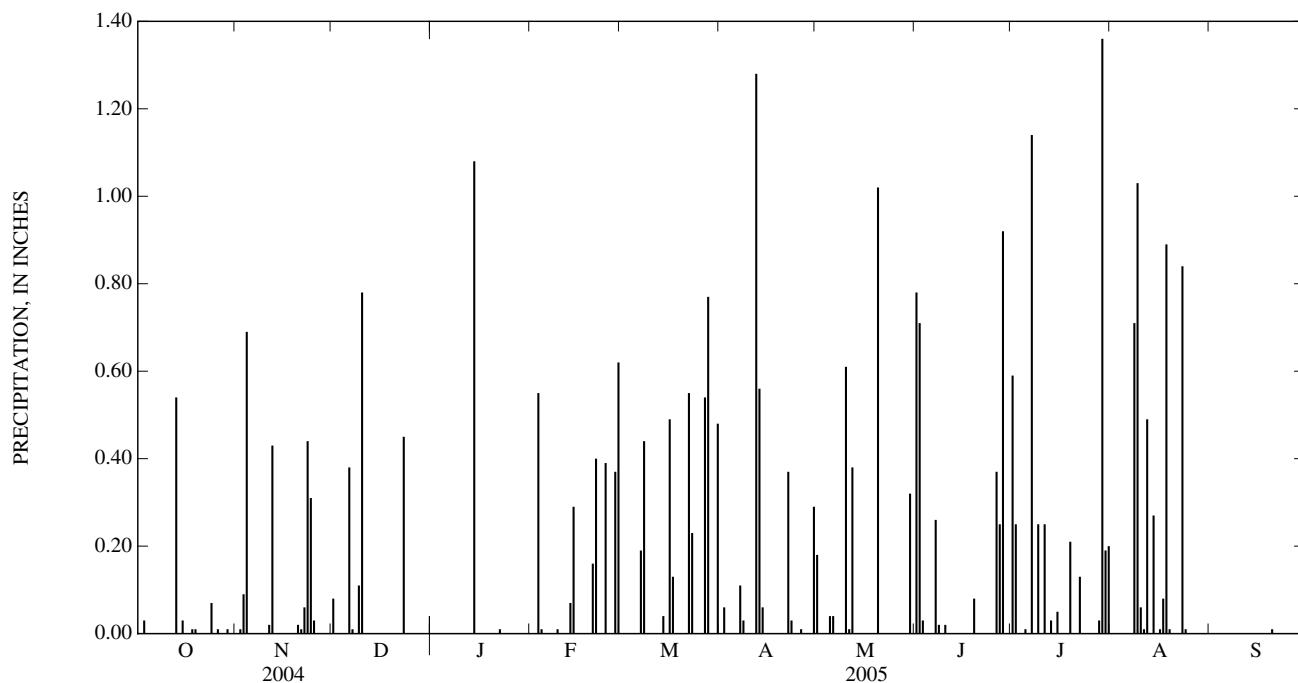
PERIOD OF RECORD.--April 1995 to current year. Records for period April 1995 to September 1998 published in USGS OFR 96-150, 98-67, and 99-273.

GAGE.--Tipping-bucket raingage and electronic datalogger. Radio telemetry at station.

REMARKS.--Gage is operated as part of Charlotte/Mecklenburg Rainfall Runoff Network. Collection of frozen precipitation during January 2005 is not reflected in daily or monthly totals.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.18	0.78	0.59	0.00	0.00
2	0.00	0.01	0.00	0.00	0.00	0.00	0.06	0.00	0.71	0.25	0.00	0.00
3	0.03	0.09	0.00	0.00	0.55	0.00	0.00	0.00	0.03	0.00	0.00	0.00
4	0.00	0.69	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.01	0.00	0.00
6	0.00	0.00	0.38	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00
7	0.00	0.00	0.01	0.00	0.00	0.19	0.11	0.00	0.26	1.14	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.44	0.03	0.00	0.02	0.00	0.71	0.00
9	0.00	0.00	0.11	0.00	0.01	0.00	0.00	0.00	0.00	0.25	1.03	0.00
10	0.00	0.00	0.78	0.00	0.00	0.00	0.00	0.61	0.02	0.00	0.06	0.00
11	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.25	0.01	0.00
12	0.00	0.43	0.00	0.00	0.00	0.00	1.28	0.38	0.00	0.00	0.49	0.00
13	0.54	0.00	0.00	0.00	0.07	0.00	0.56	0.00	0.00	0.03	0.00	0.00
14	0.00	0.00	0.00	1.08	0.29	0.04	0.06	0.00	0.00	0.00	0.27	0.00
15	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.49	0.00	0.00	0.00	0.00	0.01	0.00
17	0.00	0.00	0.00	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.08	0.00
18	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.89	0.00
19	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.21	0.01	0.00
20	0.00	0.02	0.00	0.00	0.16	0.00	0.00	1.02	0.00	0.00	0.00	0.01
21	0.00	0.01	0.00	0.00	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.06	0.00	0.01	0.00	0.55	0.37	0.00	0.00	0.13	0.00	0.00
23	0.00	0.44	0.45	0.00	0.00	0.23	0.03	0.00	0.00	0.00	0.84	0.00
24	0.07	0.31	0.00	0.00	0.39	0.00	0.00	0.00	0.00	0.00	0.01	0.00
25	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.01	---	0.00	0.00	0.00	0.00	0.01	0.00	0.37	0.00	0.00	0.00
27	0.00	---	0.00	0.00	0.37	0.54	0.00	0.00	0.25	0.00	0.00	0.00
28	0.00	---	0.00	0.00	0.62	0.77	0.00	0.00	0.92	0.03	0.00	0.00
29	0.01	---	0.00	---	---	0.00	0.00	0.00	0.00	1.36	0.00	0.00
30	0.00	0.00	0.00	---	---	0.00	0.29	0.32	0.00	0.19	0.00	0.00
31	0.00	---	0.00	0.00	---	0.48	---	0.00	---	0.20	0.00	---
TOTAL	0.71	---	1.81	---	2.87	3.86	2.80	2.60	3.44	4.69	4.41	0.01



02146381 SUGAR CREEK AT NC 51 NEAR PINEVILLE, NC

LOCATION.--Lat 35°05'27", long 80°53'58", Mecklenburg County, Hydrologic Unit 03050103, on right bank on upstream side of bridge at N.C. Highway 51, 0.3 mi upstream from McCullough Branch, and 0.6 mi northwest of city hall, Pineville.

DRAINAGE AREA.--65.3 mi².

PERIOD OF RECORD.-- Occasional discharge measurements, water years 1978-94. October 1994 to current year.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 520.95 ft above North American Vertical Datum of 1988. Radio telemetry at station.

REMARKS.--Records good except those for estimated daily discharges, which are poor. A daily average of 15.2 ft³/s of treated effluent from Irwin Creek wastewater treatment plant was discharged into the stream above the gage. Maximum discharge for period of record from rating curve extended above 9,710 ft³/s. Minimum discharge for period of record also occurred Aug. 31, 2001. Minimum discharge for current water year also occurred Sept. 12.

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	57	28	40	36	43	131	155	117	81	99	60	26
2	48	28	35	35	43	68	114	53	574	101	44	26
3	60	32	32	35	216	55	78	44	101	49	37	25
4	65	189	31	36	107	51	67	43	54	35	76	24
5	37	95	30	37	56	46	62	41	45	34	43	23
6	37	39	47	35	47	43	59	49	42	34	40	25
7	34	33	115	35	45	43	62	41	117	166	36	25
8	33	31	39	32	42	258	62	39	116	110	163	24
9	31	30	58	32	41	85	58	38	63	42	494	25
10	31	29	651	33	42	58	49	55	73	35	94	24
11	31	29	117	38	40	50	51	237	58	38	55	22
12	32	89	61	38	38	48	115	58	36	82	72	23
13	132	99	51	39	39	44	493	131	35	49	69	24
14	44	35	48	474	74	58	425	49	36	59	56	23
15	33	31	43	91	80	44	119	45	34	32	68	24
16	31	31	43	57	43	188	75	50	32	30	37	61
17	29	30	41	47	43	244	61	40	32	29	97	61
18	31	29	38	44	39	93	57	41	30	31	89	26
19	30	28	37	44	38	59	54	39	125	35	42	24
20	31	28	36	46	38	49	50	178	80	31	34	23
21	30	28	37	45	132	46	48	68	41	27	32	26
22	28	28	36	42	92	59	58	43	35	40	31	24
23	30	63	153	39	48	484	117	38	33	63	360	23
24	33	92	76	39	173	129	49	43	33	28	92	23
25	33	127	43	42	78	69	46	39	31	27	48	23
26	29	39	39	44	51	54	e47	37	51	28	34	22
27	29	38	38	39	46	52	e44	37	89	25	30	23
28	28	196	40	37	576	1,400	47	37	397	52	28	24
29	32	48	40	37	---	212	43	35	104	508	29	29
30	30	37	38	124	---	111	92	53	45	544	28	40
31	28	---	37	70	---	197	---	42	---	149	30	---
TOTAL	1,187	1,659	2,170	1,822	2,350	4,528	2,857	1,860	2,623	2,612	2,448	815
MEAN	38.3	55.3	70.0	58.8	83.9	146	95.2	60.0	87.4	84.3	79.0	27.2
MAX	132	196	651	474	576	1,400	493	237	574	544	494	61
MIN	28	28	30	32	38	43	43	35	30	25	28	22
CFSM	0.59	0.85	1.07	0.90	1.29	2.24	1.46	0.92	1.34	1.29	1.21	0.42
IN.	0.68	0.95	1.24	1.04	1.34	2.58	1.63	1.06	1.49	1.49	1.39	0.46

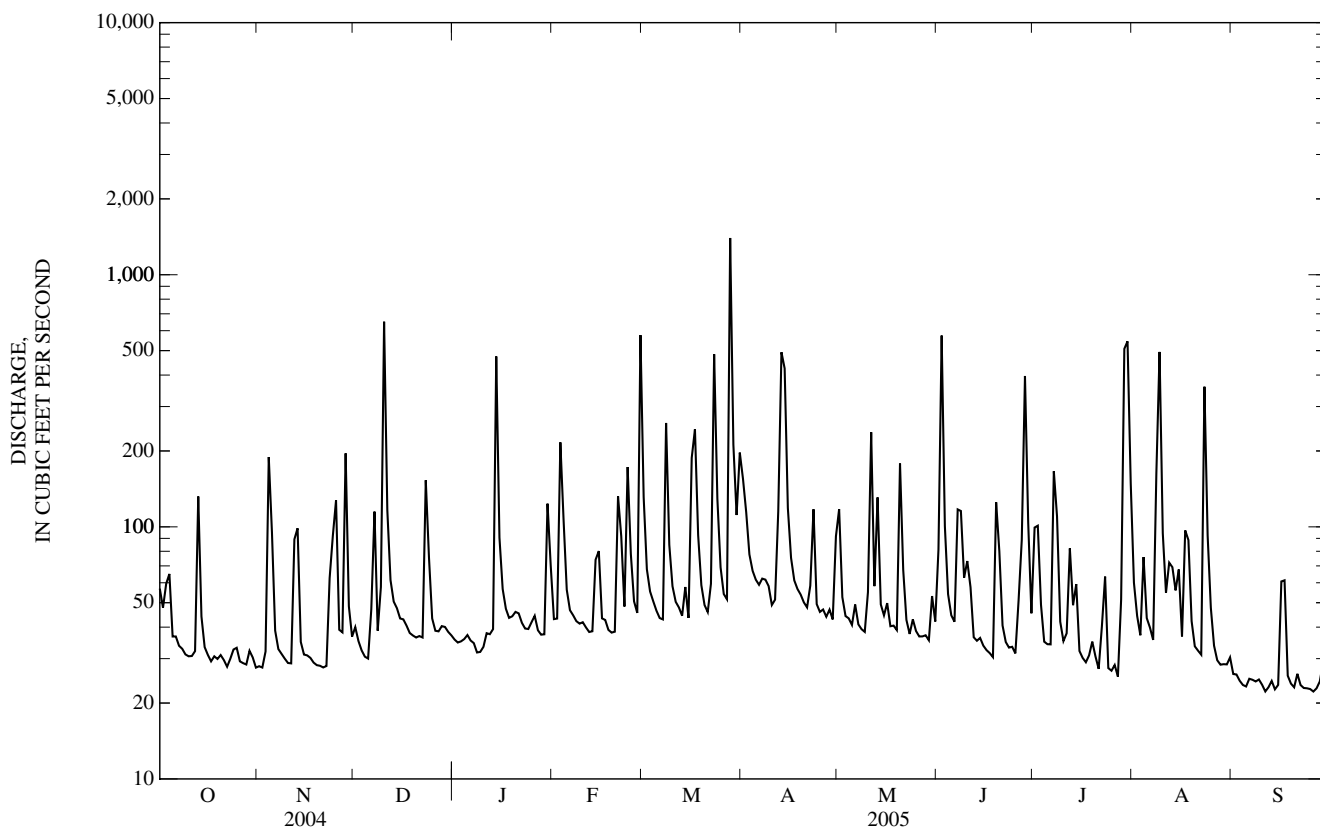
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1995 - 2005, BY WATER YEAR (WY)

	76.1	69.4	77.7	108	120	129	118	89.2	94.8	99.2	78.4	78.4
MEAN	76.1	69.4	77.7	108	120	129	118	89.2	94.8	99.2	78.4	78.4
MAX	154	182	174	237	232	296	321	380	271	315	171	208
(WY)	(1996)	(1996)	(2003)	(1998)	(1995)	(2003)	(2003)	(2003)	(2003)	(1997)	(1995)	(2004)
MIN	25.7	33.5	40.6	39.9	49.7	55.7	41.0	34.2	32.7	43.0	24.8	27.2
(WY)	(2001)	(2002)	(2001)	(2004)	(2002)	(1999)	(2002)	(2000)	(2002)	(2001)	(2001)	(2005)

02146381 SUGAR CREEK AT NC 51 NEAR PINEVILLE, NC—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1995 - 2005	
ANNUAL TOTAL	30,107		26,931		94.7	
ANNUAL MEAN	82.3		73.8		186	
HIGHEST ANNUAL MEAN					57.3	
LOWEST ANNUAL MEAN					2001	
HIGHEST DAILY MEAN	2,160	Sep 8	1,400	Mar 28	4,790	Jul 23, 1997
LOWEST DAILY MEAN	26	Sep 5	22	Sep 11	18	Aug 1, 2001
ANNUAL SEVEN-DAY MINIMUM	29	Nov 16	23	Sep 22	21	Sep 7, 2002
MAXIMUM PEAK FLOW			2,720	Mar 28	9,890*	Jul 23, 1997
MAXIMUM PEAK STAGE			11.53	Mar 28	18.68	Jul 23, 1997
INSTANTANEOUS LOW FLOW			18*	Sep 11	15*	Aug 10, 1997
ANNUAL RUNOFF (CFSM)	1.26		1.13		1.45	
ANNUAL RUNOFF (INCHES)	17.15		15.34		19.70	
10 PERCENT EXCEEDS	146		124		158	
50 PERCENT EXCEEDS	40		43		43	
90 PERCENT EXCEEDS	30		28		27	

* See REMARKS.
e Estimated.



0214640410 LITTLE SUGAR CREEK BELOW 36TH STREET NEAR CHARLOTTE, NC

LOCATION.--Lat 35°15'01", long 80°48'30", Mecklenburg County, Hydrologic Unit 03050103, on left bank 150 yards below 36th street, and approximately 150 yards above Norfolk Southern railway bridge and culvert, 1.9 mi southeast of city hall in Charlotte.

DRAINAGE AREA.--3.42 mi².

PERIOD OF RECORD.--December 2004 to September 2005.

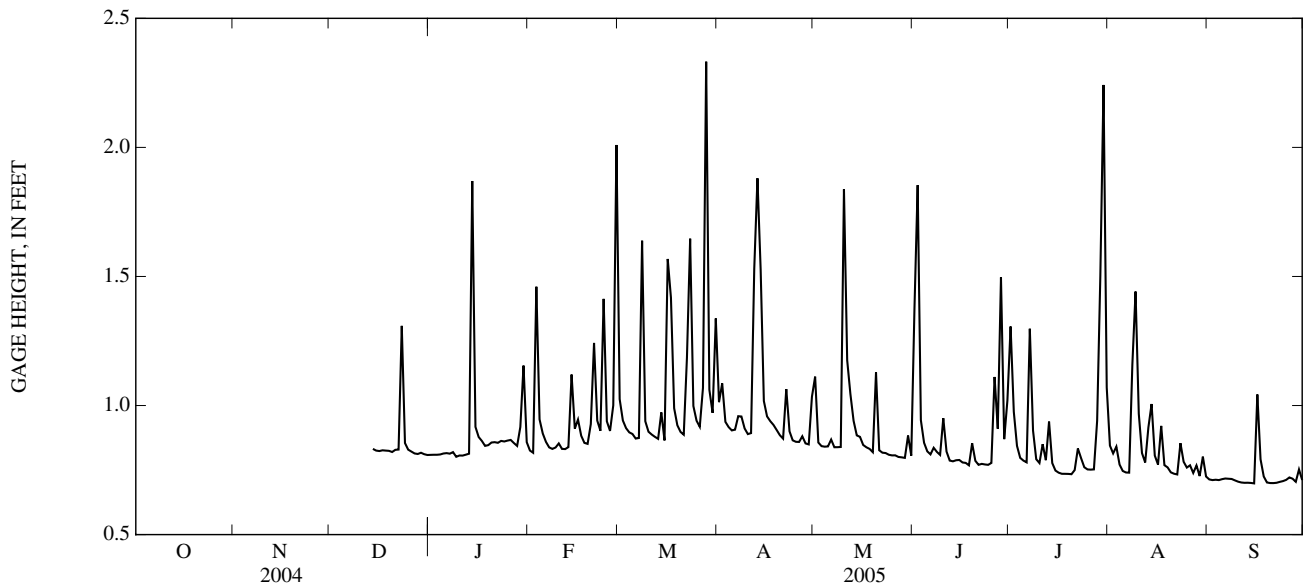
GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 672.517 ft above North American Vertical Datum of 1988. Radio telemetry at station.

REMARKS.--Records good.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 10.43 ft, July 30, 2005; minimum gage height, 0.66 ft, Sept. 20, 2005.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	0.81	0.83	1.02	1.01	1.11	1.38	1.31	0.84	0.71
2	---	---	---	0.81	0.82	0.94	1.09	0.86	1.85	0.98	0.81	0.71
3	---	---	---	0.81	1.46	0.91	0.94	0.84	0.94	0.84	0.84	0.71
4	---	---	---	0.81	0.95	0.90	0.92	0.84	0.86	0.80	0.77	0.71
5	---	---	---	0.81	0.89	0.89	0.90	0.84	0.82	0.79	0.75	0.71
6	---	---	---	0.82	0.86	0.87	0.91	0.87	0.81	0.78	0.74	0.72
7	---	---	---	0.81	0.84	0.87	0.96	0.84	0.84	1.30	0.74	0.72
8	---	---	---	0.82	0.83	1.64	0.96	0.84	0.82	0.90	1.16	0.72
9	---	---	---	0.80	0.84	0.94	0.91	0.84	0.81	0.79	1.44	0.71
10	---	---	---	0.81	0.85	0.90	0.89	1.84	0.95	0.78	0.97	0.71
11	---	---	---	0.81	0.83	0.89	0.89	1.18	0.82	0.85	0.82	0.70
12	---	---	---	0.81	0.83	0.88	1.53	1.05	0.79	0.79	0.78	0.70
13	---	---	---	0.81	0.84	0.87	1.88	0.94	0.78	0.94	0.92	0.70
14	---	---	0.83	1.87	1.12	0.97	1.53	0.88	0.79	0.78	1.01	0.70
15	---	---	0.83	0.92	0.91	0.86	1.02	0.88	0.79	0.75	0.81	0.70
16	---	---	0.82	0.88	0.95	1.57	0.96	0.85	0.78	0.74	0.77	1.04
17	---	---	0.83	0.86	0.88	1.42	0.94	0.84	0.78	0.74	0.92	0.79
18	---	---	0.83	0.84	0.86	0.99	0.92	0.83	0.77	0.74	0.77	0.73
19	---	---	0.82	0.85	0.85	0.92	0.91	0.82	0.85	0.74	0.76	0.70
20	---	---	0.82	0.86	0.93	0.90	0.89	1.13	0.79	0.73	0.74	0.70
21	---	---	0.83	0.86	1.24	0.89	0.87	0.83	0.77	0.75	0.74	0.70
22	---	---	0.83	0.86	0.94	1.19	1.06	0.82	0.77	0.83	0.73	0.70
23	---	---	1.31	0.86	0.90	1.65	0.90	0.82	0.77	0.80	0.85	0.70
24	---	---	0.85	0.86	1.41	1.00	0.87	0.81	0.77	0.76	0.78	0.71
25	---	---	0.83	0.86	0.94	0.94	0.86	0.81	0.78	0.75	0.76	0.71
26	---	---	0.82	0.87	0.90	0.92	0.86	0.81	1.11	0.75	0.77	0.72
27	---	---	0.81	0.85	1.00	1.07	0.88	0.80	0.91	0.75	0.74	0.72
28	---	---	0.81	0.84	2.01	2.33	0.85	0.80	1.50	0.94	0.77	0.70
29	---	---	0.82	0.92	---	1.06	0.85	0.80	0.87	1.50	0.73	0.75
30	---	---	0.81	1.15	---	0.97	1.03	0.88	1.02	2.24	0.80	0.71
31	---	---	0.81	0.86	---	1.34	---	0.81	---	1.07	0.72	---
MEAN	---	---	---	0.88	0.98	1.08	1.00	0.91	0.91	0.91	0.83	0.72
MAX	---	---	---	1.87	2.01	2.33	1.88	1.84	1.85	2.24	1.44	1.04
MIN	---	---	---	0.80	0.82	0.86	0.85	0.80	0.77	0.73	0.72	0.70



02146409 LITTLE SUGAR CREEK AT MEDICAL CENTER DRIVE AT CHARLOTTE, NC

LOCATION.--Lat 35°12'13", long 80°50'13", Mecklenburg County, Hydrologic Unit 03050103, on left bank on upstream side of bridge at Medical Center Drive, 3.3 mi upstream from Briar Creek, and 1.3 mi south of city hall in Charlotte.

DRAINAGE AREA.--11.8 mi².

PERIOD OF RECORD.--October 1994 to current year. Fragmentary records 1964-1966, in files of Geological Survey as "Little Sugar Creek at Brunswick Avenue at Charlotte".

REVISED RECORDS.--WDR NC-96-1: Drainage area.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 612.82 ft above North American Vertical Datum of 1988. Radio telemetry at station.

REMARKS.--Records good except those for estimated daily discharges, which are poor. Minimum discharge for period of record also occurred on Aug. 8-14, 2002.

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	7.5	5.1	7.6	4.4	6.5	13	12	28	64	53	11	2.9
2	7.5	5.6	4.6	4.4	6.8	9.2	20	5.9	124	9.3	7.5	2.8
3	21	8.2	4.4	4.4	71	8.2	8.8	5.5	9.8	5.2	23	2.6
4	7.4	68	4.3	4.4	12	7.7	e9.0	5.6	6.3	4.5	9.8	2.7
5	5.9	8.1	4.1	4.4	8.9	8.1	e8.5	5.2	5.3	4.5	5.2	2.5
6	5.7	5.5	36	4.7	8.4	7.0	7.2	6.6	18	4.3	4.7	3.0
7	5.5	5.3	9.7	4.7	8.1	7.1	11	5.1	56	100	4.3	3.0
8	5.3	5.0	5.1	4.4	8.1	90	8.6	4.9	7.1	8.3	85	3.3
9	5.3	5.0	14	4.3	8.1	9.1	7.9	4.9	9.5	4.8	174	3.1
10	5.3	4.7	113	4.4	8.6	7.7	6.7	180	19	4.4	26	3.1
11	5.2	5.0	8.4	4.4	7.8	7.1	6.5	25	7.7	18	8.7	2.7
12	5.3	56	6.3	4.4	7.2	6.4	117	56	4.7	6.4	6.3	2.8
13	58	7.2	5.3	4.4	7.8	6.2	89	11	4.7	34	9.0	2.9
14	6.3	4.2	5.2	160	34	16	68	6.2	4.6	19	31	2.9
15	6.8	4.1	5.6	8.8	9.6	6.3	11	6.6	4.4	3.8	8.4	2.8
16	5.6	4.1	5.3	7.3	8.1	80	8.9	5.5	4.4	3.5	5.2	50
17	5.0	4.1	5.3	6.7	10	52	8.1	5.3	4.1	3.5	33	7.7
18	5.0	4.0	5.1	6.3	6.7	11	7.9	5.2	4.1	3.6	4.7	3.4
19	5.2	3.9	5.0	6.2	5.8	8.6	7.3	5.0	5.1	5.0	4.4	3.3
20	5.3	4.0	5.0	6.4	10	7.8	6.9	39	4.8	14	3.7	3.2
21	5.1	3.8	5.1	6.2	40	7.3	6.8	5.4	3.9	5.3	3.4	3.2
22	5.0	3.9	5.0	6.1	9.3	50	31	4.7	3.9	43	3.0	3.1
23	5.1	12	48	5.9	6.9	96	9.7	5.0	3.8	8.1	149	3.0
24	7.9	48	7.1	5.9	57	12	6.4	4.8	3.8	3.9	6.4	2.7
25	5.5	12	5.4	6.0	9.2	8.8	6.3	4.7	3.7	3.6	3.5	2.7
26	5.1	4.9	5.9	6.0	7.5	7.9	6.5	4.8	19	3.3	3.1	2.9
27	5.2	36	6.8	5.6	17	26	6.5	4.6	7.2	3.2	2.9	5.4
28	6.3	20	5.2	5.4	137	222	6.0	4.4	108	55	3.1	3.1
29	6.2	5.3	4.6	8.9	---	15	5.4	4.4	7.0	178	3.4	12
30	5.2	4.8	4.4	35	---	9.9	26	10	9.0	393	5.9	4.5
31	5.0	---	4.4	8.1	---	55	---	4.7	---	32	4.0	---
TOTAL	245.7	367.8	361.2	358.5	537.4	878.4	540.9	474.0	536.9	1,037.5	652.6	153.3
MEAN	7.93	12.3	11.7	11.6	19.2	28.3	18.0	15.3	17.9	33.5	21.1	5.11
MAX	58	68	113	160	137	222	117	180	124	393	174	50
MIN	5.0	3.8	4.1	4.3	5.8	6.2	5.4	4.4	3.7	3.2	2.9	2.5
CFSM	0.67	1.04	0.99	0.98	1.63	2.40	1.53	1.30	1.52	2.84	1.78	0.43
IN.	0.77	1.16	1.14	1.13	1.69	2.77	1.71	1.49	1.69	3.27	2.06	0.48

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1995 - 2005, BY WATER YEAR (WY)

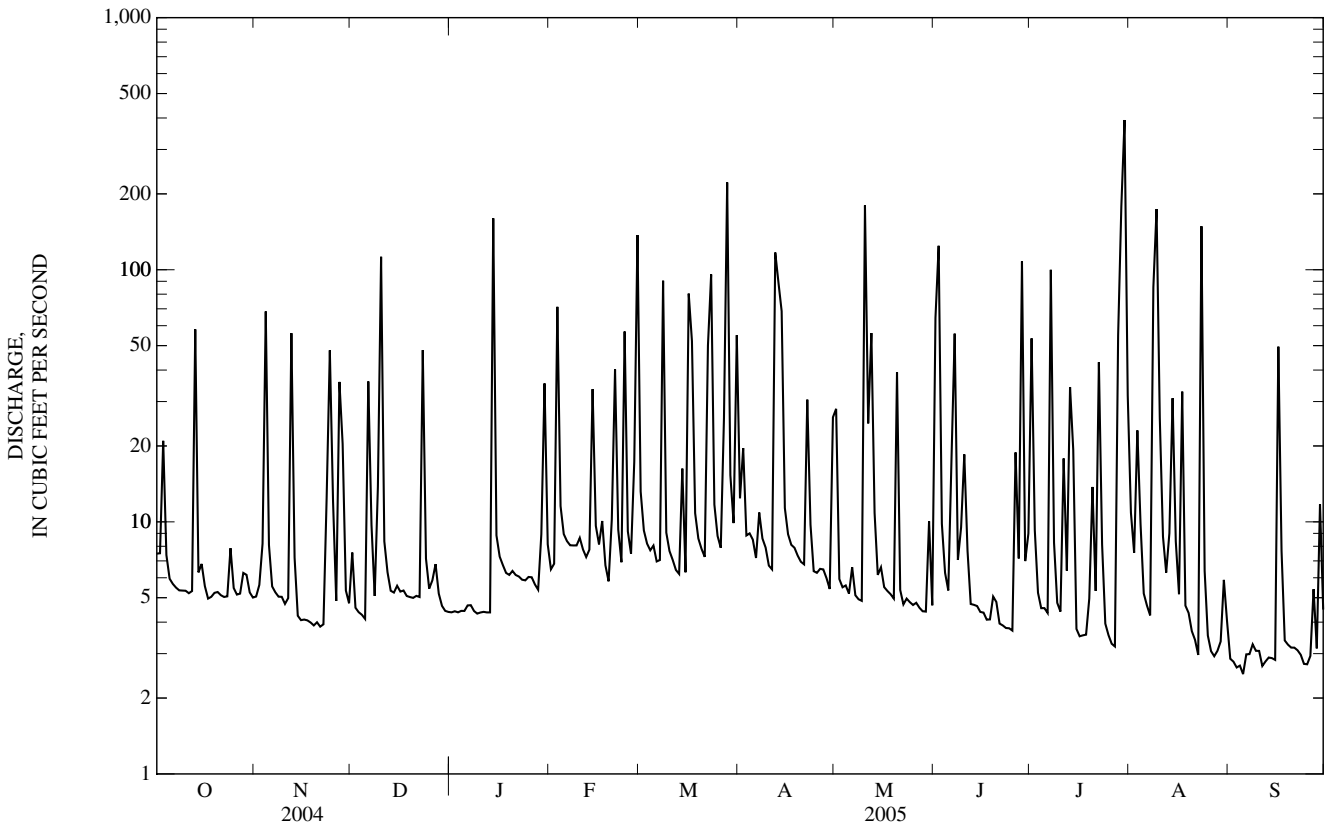
MEAN	14.5	12.3	13.2	20.7	22.3	22.6	21.7	17.3	18.6	25.0	19.2	19.5
MAX	28.9	30.3	35.0	48.5	36.9	54.8	57.3	70.8	57.3	81.8	50.0	61.5
(WY)	(1996)	(1996)	(2003)	(1998)	(1995)	(2003)	(2003)	(2003)	(2003)	(1997)	(1995)	(2004)
MIN	3.88	3.85	6.02	5.94	6.73	8.45	4.67	4.37	3.38	9.61	4.65	5.11
(WY)	(2001)	(2002)	(2001)	(2004)	(2002)	(1999)	(2002)	(1999)	(2002)	(1999)	(1997)	(2005)

02146409 LITTLE SUGAR CREEK AT MEDICAL CENTER DRIVE AT CHARLOTTE, NC—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1995 - 2005	
ANNUAL TOTAL	6,922.5		6,144.2		18.9	
ANNUAL MEAN	18.9		16.8		37.0	
HIGHEST ANNUAL MEAN					10.3	
LOWEST ANNUAL MEAN					2002	
HIGHEST DAILY MEAN	498	Sep 7	393	Jul 30	1,970	Jul 23, 1997
LOWEST DAILY MEAN	2.5	Jun 12	2.5	Sep 5	1.0	Aug 11, 2002
ANNUAL SEVEN-DAY MINIMUM	3.6	May 21	2.8	Sep 1	1.1	Aug 7, 2002
MAXIMUM PEAK FLOW			3,290	Jul 30	5,310	Jul 23, 1997
MAXIMUM PEAK STAGE			12.12	Jul 30	14.83	Jul 23, 1997
INSTANTANEOUS LOW FLOW			2.2	Sep 5	1.0*	Aug 7, 2002
ANNUAL RUNOFF (CFSM)	1.60		1.43		1.60	
ANNUAL RUNOFF (INCHES)	21.82		19.37		21.76	
10 PERCENT EXCEEDS	36		41		36	
50 PERCENT EXCEEDS	5.4		6.2		5.6	
90 PERCENT EXCEEDS	4.0		3.6		2.7	

* See REMARKS.

e Estimated.



02146420 LITTLE SUGAR CREEK AT HILLSIDE AVENUE NEAR CHARLOTTE, NC

LOCATION.--Lat 35°10'45", long 80°50'47", Mecklenburg County, Hydrologic Unit 03050103, on right upstream end of bridge on Hillside Avenue, 1.8 mi upstream from Briar Creek, 3 mi south of city hall in Charlotte, NC.

DRAINAGE AREA.--15.0 mi².

PERIOD OF RECORD.--May 2005 to September 2005.

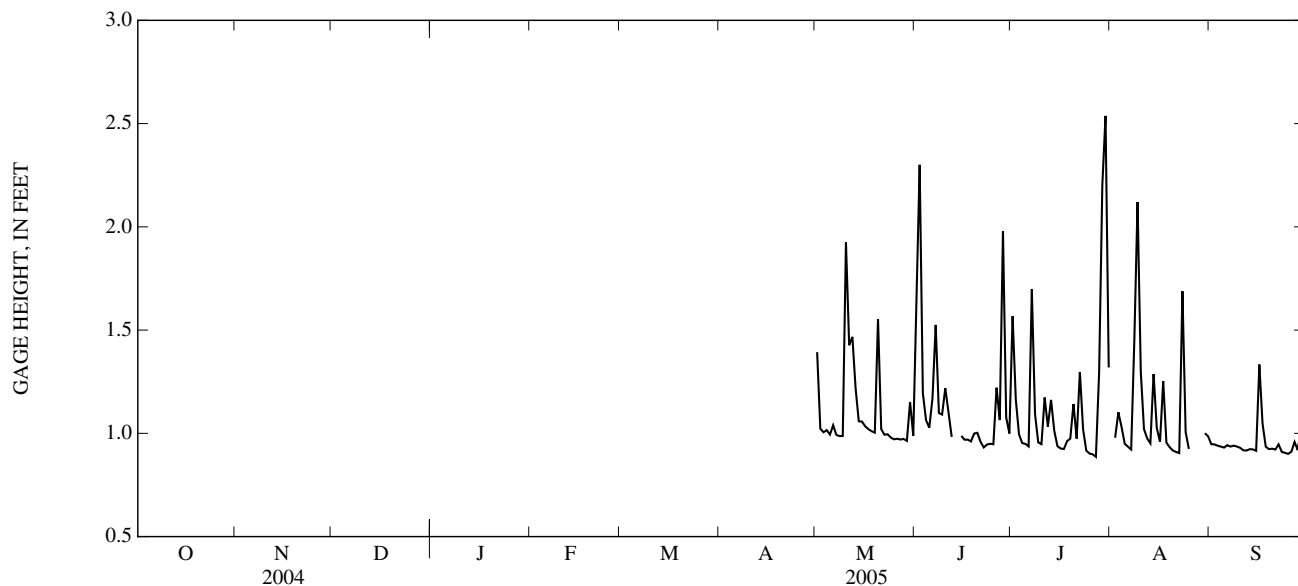
GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 595.41 ft above North American Vertical Datum of 1988. Radio telemetry at station.

REMARKS.--Records fair.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 9.67 ft, July 30, 2005; minimum gage height, 0.86 ft, July 27, 28, 2005.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	1.39	1.64	1.57	---	0.95
2	---	---	---	---	---	---	---	1.02	2.30	1.16	0.98	0.95
3	---	---	---	---	---	---	---	1.01	1.19	1.00	1.10	0.94
4	---	---	---	---	---	---	---	1.02	1.06	0.95	1.03	0.94
5	---	---	---	---	---	---	---	0.99	1.03	0.95	0.95	0.93
6	---	---	---	---	---	---	---	1.04	1.17	0.94	0.94	0.94
7	---	---	---	---	---	---	---	0.99	1.53	1.70	0.92	0.94
8	---	---	---	---	---	---	---	0.99	1.10	1.09	1.45	0.94
9	---	---	---	---	---	---	---	0.99	1.09	0.96	2.12	0.94
10	---	---	---	---	---	---	---	1.92	1.22	0.95	1.30	0.93
11	---	---	---	---	---	---	---	1.43	1.10	1.17	1.02	0.92
12	---	---	---	---	---	---	---	1.47	0.98	1.03	0.98	0.92
13	---	---	---	---	---	---	---	1.22	---	1.16	0.95	0.92
14	---	---	---	---	---	---	---	1.06	---	1.01	1.29	0.92
15	---	---	---	---	---	---	---	1.06	0.99	0.94	1.03	0.92
16	---	---	---	---	---	---	---	1.03	0.97	0.93	0.96	1.33
17	---	---	---	---	---	---	---	1.02	0.97	0.92	1.25	1.05
18	---	---	---	---	---	---	---	1.01	0.96	0.96	0.96	0.94
19	---	---	---	---	---	---	---	1.00	1.00	0.97	0.93	0.92
20	---	---	---	---	---	---	---	1.55	1.00	1.14	0.92	0.93
21	---	---	---	---	---	---	---	1.02	0.96	0.97	0.91	0.92
22	---	---	---	---	---	---	---	0.99	0.93	1.30	0.90	0.95
23	---	---	---	---	---	---	---	1.00	0.95	1.02	1.69	0.91
24	---	---	---	---	---	---	---	0.98	0.95	0.92	1.01	0.91
25	---	---	---	---	---	---	---	0.97	0.95	0.90	0.92	0.90
26	---	---	---	---	---	---	---	0.97	1.22	0.90	---	0.91
27	---	---	---	---	---	---	---	0.97	1.06	0.89	---	0.96
28	---	---	---	---	---	---	---	0.97	1.98	1.30	---	0.92
29	---	---	---	---	---	---	---	0.96	1.08	2.20	---	1.03
30	---	---	---	---	---	---	---	1.15	1.00	2.54	1.00	0.98
31	---	---	---	---	---	---	---	0.99	---	1.32	0.99	---
MEAN	---	---	---	---	---	---	---	1.10	---	1.15	---	0.95
MAX	---	---	---	---	---	---	---	1.92	---	2.54	---	1.33
MIN	---	---	---	---	---	---	---	0.96	---	0.89	---	0.90



0214642825 BRIAR CREEK NEAR CHARLOTTE, NC

LOCATION.--Lat 35°14'10", long 80°46'16", Mecklenburg County, Hydrologic Unit 03050103, 400 ft upstream from bridge on Shamrock Drive, and 4 mi northwest of city hall in Charlotte.

DRAINAGE AREA.--5.2 mi².

PERIOD OF RECORD.--April 1998 to current year.

REVISED RECORDS.--WDR NC-2003-1B: 1998-2002.

GAGE.--Water-stage recorder, crest-stage gage and concrete control. Datum of gage is 672.00 ft, North American Vertical Datum of 1988. Radio telemetry at station.

REMARKS.--Records fair except those for estimated daily discharges, which are poor. Maximum discharge for period of record and current water year from rating curve extended above 800 ft³/s by culvert computation of peak flow. No flow occurs most years. Minimum discharge for current water year also occurred Sept. 17, 18, 30.

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	1.5	1.8	2.5	1.9	2.7	5.6	5.5	7.3	15	130	2.5	0.47
2	1.3	1.9	1.7	2.1	2.6	3.8	6.1	2.0	31	7.5	1.2	0.50
3	2.6	2.5	1.7	2.0	19	3.2	3.5	1.9	4.3	2.9	1.1	0.51
4	1.6	23	1.7	2.2	4.3	3.1	3.1	1.8	2.7	2.4	1.2	0.57
5	1.6	2.3	1.6	2.3	3.0	3.0	3.0	1.9	2.2	2.5	1.5	0.45
6	1.7	1.3	10	2.3	2.7	3.1	2.7	2.2	2.0	2.7	1.9	0.31
7	1.5	1.3	4.0	2.0	2.7	3.1	4.0	1.9	2.1	99	2.0	0.19
8	1.3	1.3	2.0	2.0	2.7	23	3.6	1.8	2.2	6.9	7.0	0.18
9	1.3	1.4	4.3	2.0	2.7	4.0	2.6	1.8	1.9	3.2	17	0.29
10	1.6	1.6	34	2.1	2.8	3.3	2.4	41	2.7	3.1	2.5	0.31
11	1.8	1.8	3.9	2.2	2.4	3.1	2.4	7.1	1.8	7.8	1.1	0.27
12	1.9	13	2.6	2.2	2.5	3.0	26	16	1.6	3.5	1.2	0.35
13	24	2.3	2.3	2.2	2.4	2.7	32	4.4	1.7	4.3	1.9	0.49
14	2.0	1.4	2.0	48	9.4	5.3	22	2.6	1.7	3.7	2.2	0.53
15	1.8	1.6	2.0	4.0	3.1	2.7	4.9	2.4	1.6	3.4	1.0	0.31
16	1.7	1.7	2.0	3.2	3.2	21	4.3	2.3	1.5	3.0	0.86	2.6
17	1.8	1.7	2.0	2.8	2.8	16	3.7	2.1	1.4	2.6	6.1	0.30
18	1.7	1.7	2.0	2.4	2.3	4.9	3.1	2.2	1.8	2.7	0.84	0.16
19	2.4	1.8	2.0	2.5	2.2	3.6	2.6	2.1	2.8	2.3	0.79	0.18
20	1.9	2.9	2.0	2.7	3.4	3.2	2.6	11	1.3	2.2	0.78	0.26
21	1.9	2.6	2.0	2.4	9.9	3.1	2.6	2.6	1.2	4.0	0.59	0.33
22	1.8	3.0	2.0	2.4	3.4	13	5.2	2.4	1.3	5.2	0.58	0.39
23	1.7	5.3	12	2.4	2.7	19	3.0	2.5	1.2	2.2	5.7	0.48
24	2.4	12	2.3	2.5	14	5.1	2.4	2.5	1.1	1.7	0.78	0.73
25	e2.0	4.3	1.8	2.9	3.5	3.5	2.4	2.6	1.0	1.8	0.33	0.86
26	e1.7	2.0	1.8	3.1	2.9	3.1	2.4	2.5	5.5	1.7	0.31	1.4
27	1.5	12	2.0	2.4	4.5	5.4	2.8	2.5	1.5	1.0	0.36	1.3
28	2.1	7.5	1.9	2.3	41	65	2.2	2.5	12	5.4	0.45	0.63
29	2.0	1.9	2.0	3.5	---	6.4	2.1	2.4	1.6	21	0.42	1.4
30	1.6	1.8	1.9	9.7	---	4.2	6.3	3.5	9.7	54	0.50	0.36
31	1.7	---	1.9	3.3	---	15	---	1.8	---	16	0.63	---
TOTAL	77.4	120.7	117.9	130.0	160.8	263.5	171.5	143.6	119.4	409.7	65.32	17.11
MEAN	2.50	4.02	3.80	4.19	5.74	8.50	5.72	4.63	3.98	13.2	2.11	0.57
MAX	24	23	34	48	41	65	32	41	31	130	17	2.6
MIN	1.3	1.3	1.6	1.9	2.2	2.7	2.1	1.8	1.0	1.0	0.31	0.16
CFSM	0.48	0.77	0.73	0.81	1.10	1.63	1.10	0.89	0.77	2.54	0.41	0.11
IN.	0.55	0.86	0.84	0.93	1.15	1.89	1.23	1.03	0.85	2.93	0.47	0.12

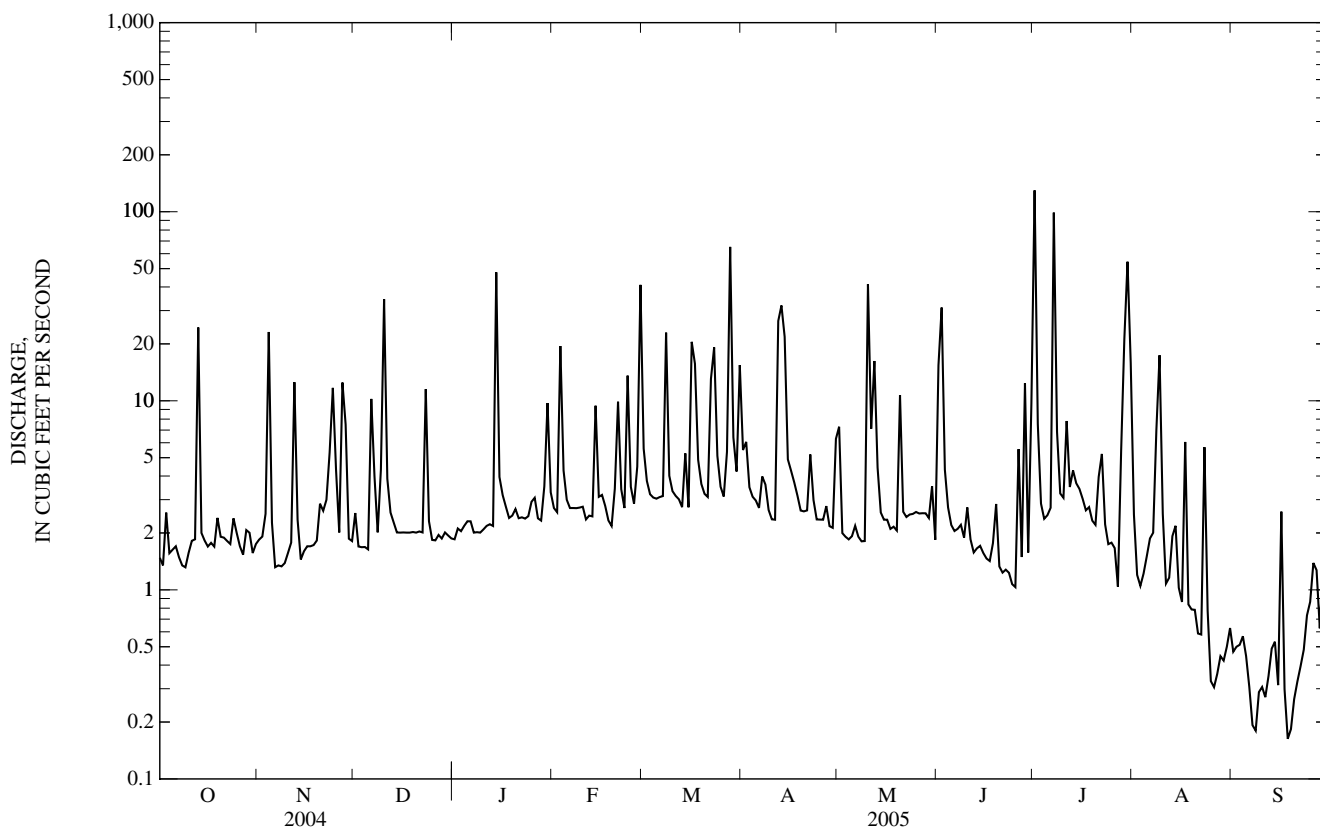
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2005, BY WATER YEAR (WY)

MEAN	2.89	2.57	3.99	5.21	5.26	8.04	8.04	6.28	5.53	5.71	3.67	6.95
MAX	7.12	5.45	10.6	12.0	6.97	21.6	22.2	30.3	25.3	13.2	6.53	24.4
(WY)	(2000)	(2003)	(2003)	(1999)	(2003)	(2003)	(2003)	(2003)	(2003)	(2005)	(2004)	(2004)
MIN	0.41	0.44	1.08	1.68	1.78	2.78	1.36	1.70	0.33	1.36	0.29	0.57
(WY)	(2001)	(2002)	(2002)	(2004)	(2002)	(1999)	(2002)	(2004)	(2002)	(2002)	(2001)	(2005)

0214642825 BRIAR CREEK NEAR CHARLOTTE, NC—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1998 - 2005	
ANNUAL TOTAL	2,006.91		1,796.93		5.35	
ANNUAL MEAN	5.48		4.92		12.7	
HIGHEST ANNUAL MEAN					2003	
LOWEST ANNUAL MEAN					1.96	
HIGHEST DAILY MEAN	271	Sep 28	130	Jul 1	386	May 22, 2003
LOWEST DAILY MEAN	0.21	Jul 25	0.16	Sep 18	0.00	Aug 17, 1999
ANNUAL SEVEN-DAY MINIMUM	0.43	May 21	0.27	Sep 6	0.00	Aug 4, 2002
MAXIMUM PEAK FLOW			1,250*	Jul 1	2,500*	Jun 7, 2003
MAXIMUM PEAK STAGE			5.69	Jul 1	7.44	Jun 7, 2003
INSTANTANEOUS LOW FLOW			0.10*	Sep 15	0.00*	Aug 18, 1999
ANNUAL RUNOFF (CFSM)	1.05		0.947		1.03	
ANNUAL RUNOFF (INCHES)	14.36		12.85		13.99	
10 PERCENT EXCEEDS	8.7		9.7		9.3	
50 PERCENT EXCEEDS	1.7		2.4		1.7	
90 PERCENT EXCEEDS	0.69		0.79		0.20	

* See REMARKS.
e Estimated.



0214643770 BRIAR CREEK AT INDEPENDENCE BOULEVARD AT CHARLOTTE, NC

LOCATION.--Lat 35°12'39", long 80°48'03", Mecklenburg County, Hydrologic Unit 03050103, on upstream bank of Briar Creek, 4 ft inside of guardrail on the westbound lanes of Independence Boulevard (North Carolina Highway 74), .3 mi west of Briar Creek Road, and 2.3 mi southeast of city hall in Charlotte.

DRAINAGE AREA.--11.2 mi².

PERIOD OF RECORD.--May 2005 to September 2005.

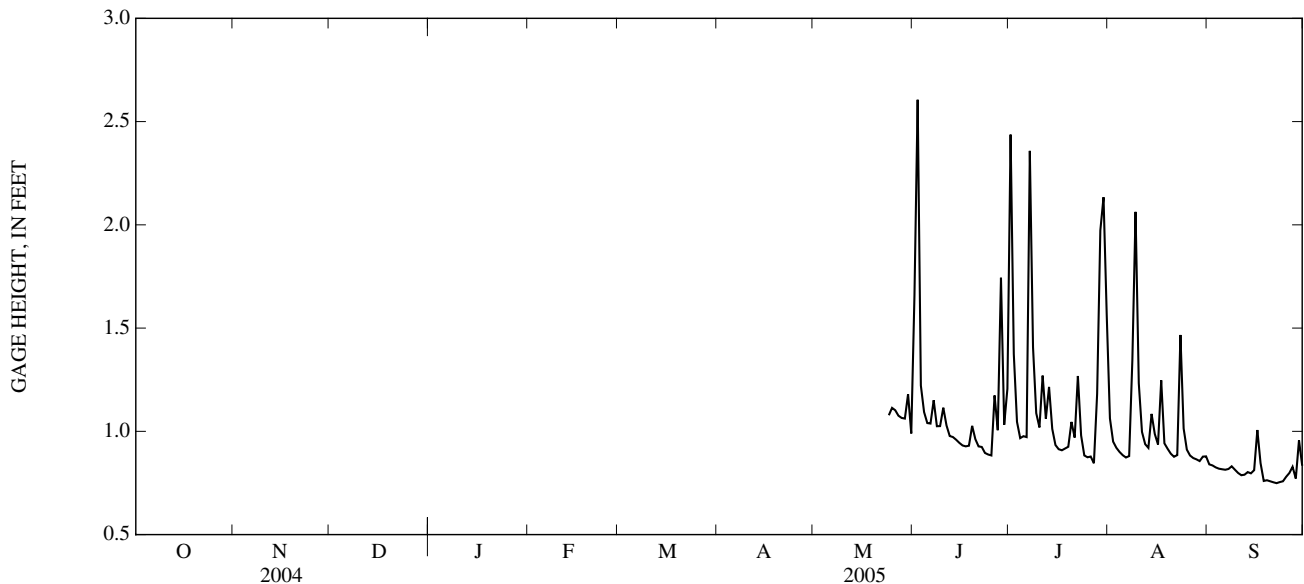
GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 635.02 ft above North American Vertical Datum of 1988. Radio telemetry at station.

REMARKS.--Records good.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 8.26 ft, July 1, 2005; minimum gage height, 0.73 ft, Sept. 21, 22, 2005.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	1.66	2.44	1.06	0.84
2	---	---	---	---	---	---	---	---	2.61	1.37	0.95	0.83
3	---	---	---	---	---	---	---	---	1.22	1.05	0.92	0.83
4	---	---	---	---	---	---	---	---	1.09	0.97	0.90	0.82
5	---	---	---	---	---	---	---	---	1.04	0.98	0.88	0.82
6	---	---	---	---	---	---	---	---	1.04	0.97	0.87	0.81
7	---	---	---	---	---	---	---	---	1.15	2.36	0.88	0.82
8	---	---	---	---	---	---	---	---	1.02	1.41	1.35	0.83
9	---	---	---	---	---	---	---	---	1.03	1.09	2.06	0.81
10	---	---	---	---	---	---	---	---	1.11	1.02	1.23	0.80
11	---	---	---	---	---	---	---	---	1.03	1.27	1.00	0.79
12	---	---	---	---	---	---	---	---	0.98	1.06	0.94	0.79
13	---	---	---	---	---	---	---	---	0.97	1.22	0.92	0.80
14	---	---	---	---	---	---	---	---	0.96	1.01	1.08	0.80
15	---	---	---	---	---	---	---	---	0.94	0.93	0.99	0.81
16	---	---	---	---	---	---	---	---	0.93	0.91	0.94	1.01
17	---	---	---	---	---	---	---	---	0.93	0.91	1.25	0.85
18	---	---	---	---	---	---	---	---	0.93	0.92	0.94	0.76
19	---	---	---	---	---	---	---	---	1.03	0.93	0.92	0.76
20	---	---	---	---	---	---	---	---	0.96	1.05	0.89	0.76
21	---	---	---	---	---	---	---	---	0.93	0.97	0.88	0.75
22	---	---	---	---	---	---	---	---	0.92	1.27	0.88	0.75
23	---	---	---	---	---	---	---	---	0.90	0.98	1.47	0.75
24	---	---	---	---	---	---	---	1.08	0.89	0.88	1.01	0.76
25	---	---	---	---	---	---	---	1.11	0.88	0.87	0.91	0.78
26	---	---	---	---	---	---	---	1.10	1.17	0.88	0.88	0.80
27	---	---	---	---	---	---	---	1.08	1.01	0.85	0.87	0.83
28	---	---	---	---	---	---	---	1.06	1.74	1.18	0.86	0.77
29	---	---	---	---	---	---	---	1.06	1.03	1.97	0.86	0.96
30	---	---	---	---	---	---	---	1.18	1.21	2.13	0.88	0.83
31	---	---	---	---	---	---	---	0.99	---	1.56	0.88	---
MEAN	---	---	---	---	---	---	---	---	1.11	1.21	1.01	0.81
MAX	---	---	---	---	---	---	---	---	2.61	2.44	2.06	1.01
MIN	---	---	---	---	---	---	---	---	0.88	0.85	0.86	0.75



0214643860 BRIAR CREEK BELOW EDWARDS BRANCH NEAR CHARLOTTE, NC

LOCATION.--Lat 35°12'22", long 80°48'21", Mecklenburg County, Hydrologic Unit 03050103, mounted to Doral Apartments leasing office on left bank, 900 ft below confluence of Briar Creek and Edwards Branch, 2.2 mi southeast of city hall in Charlotte, NC.

DRAINAGE AREA.--14.2 mi².

PERIOD OF RECORD.--August 2003 to current year.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 629.52 ft, above North American Vertical Datum of 1988. Radio telemetry at station.

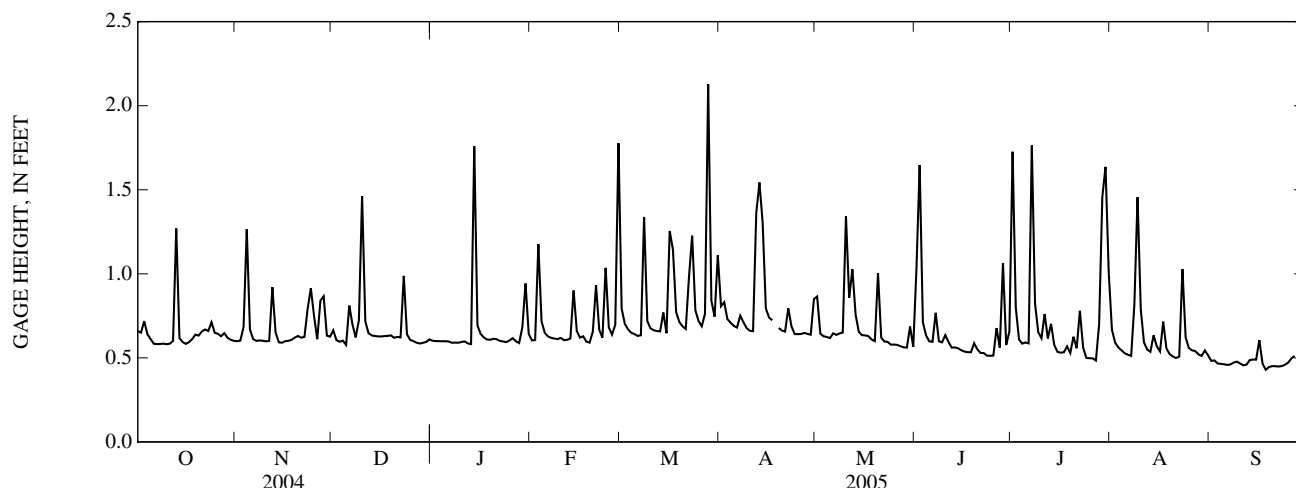
REMARKS.--Records good.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height 11.08, July 17, 2004; minimum gage height 0.39, Sept. 30, 2005.

EXTREMES FOR CURRENT YEAR.--Maximum gage height 8.46 , July 7; minimum gage height 0.39, Sept. 30.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.66	0.60	0.66	0.60	0.60	0.79	0.81	0.87	1.03	1.73	0.67	0.48
2	0.65	0.60	0.61	0.60	0.61	0.70	0.83	0.64	1.65	0.80	0.59	0.48
3	0.72	0.68	0.60	0.60	1.18	0.67	0.73	0.63	0.71	0.61	0.56	0.47
4	0.64	1.26	0.60	0.60	0.72	0.65	0.71	0.62	0.63	0.58	0.54	0.46
5	0.61	0.67	0.58	0.60	0.65	0.64	0.69	0.62	0.60	0.59	0.53	0.46
6	0.58	0.61	0.81	0.60	0.63	0.63	0.68	0.65	0.60	0.59	0.52	0.46
7	0.58	0.60	0.70	0.59	0.62	0.63	0.75	0.64	0.77	1.76	0.51	0.46
8	0.58	0.60	0.62	0.59	0.61	1.34	0.71	0.65	0.60	0.82	0.82	0.47
9	0.58	0.60	0.72	0.59	0.61	0.72	0.68	0.65	0.59	0.65	1.46	0.48
10	0.58	0.60	1.46	0.59	0.62	0.68	0.66	1.34	0.64	0.62	0.79	0.47
11	0.58	0.60	0.72	0.60	0.61	0.66	0.66	0.86	0.59	0.76	0.59	0.46
12	0.60	0.92	0.65	0.59	0.61	0.66	1.36	1.03	0.56	0.62	0.55	0.46
13	1.27	0.65	0.63	0.58	0.62	0.66	1.54	0.76	0.56	0.70	0.54	0.49
14	0.62	0.59	0.63	1.76	0.90	0.77	1.30	0.65	0.56	0.58	0.63	0.49
15	0.59	0.59	0.63	0.69	0.66	0.65	0.79	0.64	0.55	0.54	0.57	0.49
16	0.58	0.60	0.63	0.64	0.62	1.25	0.74	0.63	0.54	0.53	0.54	0.61
17	0.59	0.60	0.63	0.62	0.63	1.14	0.72	0.63	0.53	0.53	0.72	0.47
18	0.61	0.61	0.63	0.61	0.60	0.77	---	0.61	0.53	0.57	0.56	0.43
19	0.64	0.62	0.63	0.61	0.59	0.71	0.68	0.60	0.59	0.53	0.52	0.45
20	0.63	0.63	0.62	0.61	0.66	0.69	0.66	1.00	0.55	0.63	0.51	0.45
21	0.66	0.62	0.62	0.61	0.93	0.67	0.66	0.62	0.53	0.56	0.50	0.45
22	0.67	0.62	0.62	0.60	0.67	0.98	0.79	0.60	0.53	0.78	0.51	0.45
23	0.66	0.79	0.99	0.60	0.62	1.23	0.69	0.60	0.51	0.56	1.03	0.45
24	0.71	0.91	0.64	0.59	1.04	0.78	0.64	0.58	0.51	0.50	0.62	0.46
25	0.65	0.75	0.61	0.60	0.68	0.72	0.64	0.58	0.51	0.50	0.56	0.47
26	0.64	0.61	0.60	0.62	0.64	0.69	0.64	0.58	0.68	0.50	0.54	0.50
27	0.63	0.84	0.59	0.60	0.70	0.76	0.65	0.57	0.56	0.48	0.54	0.51
28	0.65	0.87	0.59	0.59	1.78	2.13	0.64	0.56	1.06	0.70	0.52	---
29	0.62	0.63	0.59	0.68	---	0.84	0.64	0.56	0.58	1.46	0.51	---
30	0.61	0.63	0.60	0.94	---	0.75	0.85	0.69	0.66	1.64	0.54	0.45
31	0.60	---	0.61	0.64	---	1.11	---	0.57	---	1.01	0.52	---
MEAN	0.64	0.68	0.67	0.66	0.73	0.84	---	0.68	0.65	0.76	0.62	---
MAX	1.27	1.26	1.46	1.76	1.78	2.13	---	1.34	1.65	1.76	1.46	---
MIN	0.58	0.59	0.58	0.58	0.59	0.63	---	0.56	0.51	0.48	0.50	---



02146449 BRIAR CREEK AT PROVIDENCE ROAD AT CHARLOTTE, NC

LOCATION.--Lat 35°10'57", long 80°49'12", Mecklenburg County, Hydrologic Unit 03050103, on right bank upstream of culvert on North Carolina Highway 16, 2.75 mi south of city hall in Charlotte.

DRAINAGE AREA.--17.6 mi².

PERIOD OF RECORD.--October 2004 to September 2005.

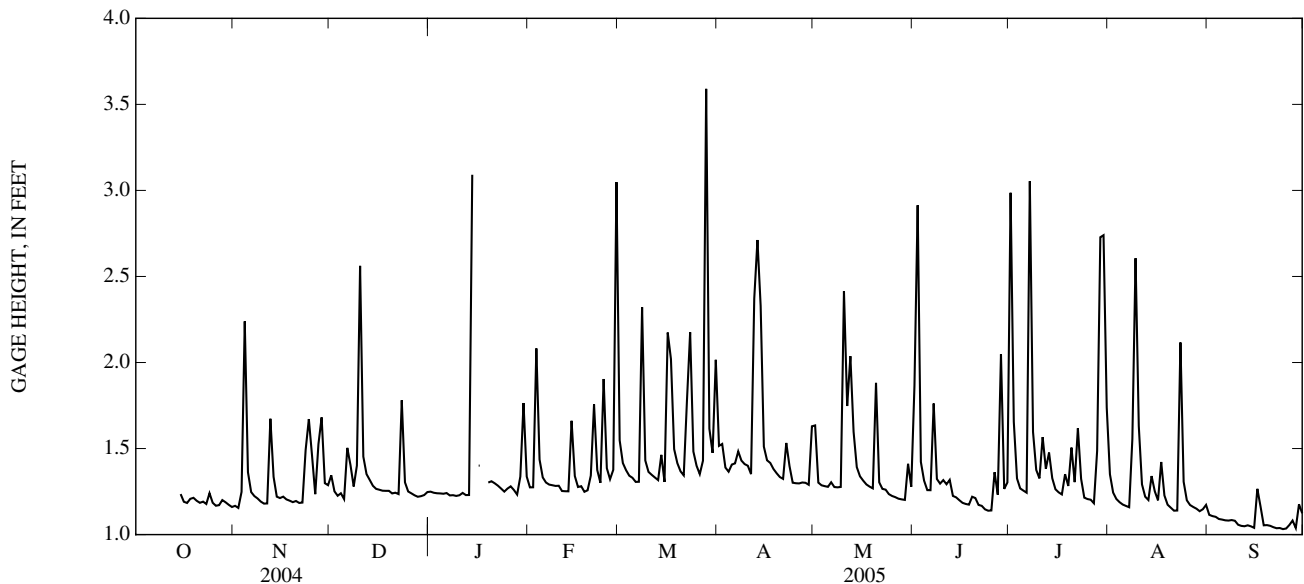
GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 607.52 ft above North American Vertical Datum of 1988. Radio telemetry at station.

REMARKS.--Records good.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 10.53 ft, July 7, 2005; minimum gage height, 1.00 ft, Sept. 25, 2005.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	1.17	1.34	1.25	1.27	1.55	1.52	1.63	1.87	2.99	1.35	1.11
2	---	1.15	1.25	1.24	1.27	1.42	1.53	1.30	2.91	1.66	1.24	1.11
3	---	1.25	1.23	1.24	2.08	1.37	1.39	1.29	1.42	1.33	1.21	1.10
4	---	2.24	1.24	1.24	1.44	1.34	1.37	1.28	1.31	1.27	1.19	1.09
5	---	1.36	1.21	1.24	1.33	1.33	1.41	1.28	1.26	1.26	1.17	1.09
6	---	1.25	1.50	1.24	1.30	1.31	1.41	1.30	1.26	1.24	1.17	1.08
7	---	1.22	1.40	1.23	1.29	1.31	1.48	1.28	1.76	3.05	1.16	1.08
8	---	1.21	1.28	1.23	1.29	2.32	1.43	1.27	1.32	1.60	1.56	1.08
9	---	1.19	1.40	1.22	1.28	1.43	1.41	1.28	1.30	1.38	2.61	1.08
10	---	1.18	2.56	1.23	1.28	1.36	1.40	2.41	1.32	1.33	1.63	1.06
11	---	1.18	1.45	1.24	1.25	1.35	1.35	1.75	1.29	1.57	1.29	1.05
12	---	1.67	1.35	1.23	1.25	1.33	2.37	2.04	1.32	1.38	1.22	1.05
13	---	1.34	1.32	1.23	1.25	1.32	2.71	1.60	1.22	1.48	1.20	1.05
14	---	1.22	1.28	3.09	1.66	1.46	2.33	1.39	1.22	1.33	1.34	1.05
15	1.24	1.21	1.27	---	1.34	1.31	1.51	1.34	1.20	1.26	1.25	1.04
16	1.19	1.22	1.26	1.40	1.28	2.17	1.43	1.31	1.18	1.25	1.20	1.27
17	1.18	1.20	1.26	---	1.28	2.02	1.42	1.29	1.18	1.23	1.42	1.16
18	1.21	1.20	1.25	---	1.25	1.50	1.38	1.28	1.17	1.35	1.23	1.05
19	1.21	1.19	1.25	1.30	1.26	1.42	1.36	1.27	1.22	1.28	1.17	1.06
20	1.20	1.20	1.24	1.31	1.34	1.37	1.33	1.88	1.21	1.51	1.16	1.05
21	1.18	1.18	1.24	1.30	1.76	1.34	1.32	1.30	1.17	1.30	1.14	1.04
22	1.19	1.19	1.24	1.28	1.38	1.78	1.53	1.27	1.17	1.62	1.14	1.04
23	1.18	1.49	1.78	1.27	1.30	2.18	1.40	1.26	1.15	1.32	2.12	1.04
24	1.24	1.67	1.30	1.25	1.90	1.48	1.30	1.24	1.14	1.21	1.31	1.03
25	1.18	1.46	1.25	1.27	1.39	1.40	1.30	1.22	1.14	1.21	1.20	1.04
26	1.17	1.23	1.24	1.28	1.32	1.35	1.30	1.22	1.36	1.20	1.17	1.06
27	1.17	1.53	1.23	1.26	1.38	1.43	1.30	1.21	1.23	1.18	1.16	1.08
28	1.20	1.68	1.22	1.23	3.05	3.59	1.30	1.20	2.05	1.49	1.15	1.04
29	1.19	1.30	1.22	1.34	---	1.62	1.29	1.20	1.27	2.73	1.14	1.18
30	1.17	1.29	1.23	1.76	---	1.47	1.63	1.41	1.30	2.74	1.15	1.12
31	1.16	---	1.25	1.34	---	2.02	---	1.28	---	1.74	1.17	---
MEAN	---	1.33	1.34	---	1.45	1.60	1.51	1.40	1.36	1.56	1.31	1.08
MAX	---	2.24	2.56	---	3.05	3.59	2.71	2.41	2.91	3.05	2.61	1.27
MIN	---	1.15	1.21	---	1.25	1.31	1.29	1.20	1.14	1.18	1.14	1.03



0214645022 BRIAR CREEK ABOVE COLONY ROAD AT CHARLOTTE, NC

LOCATION.--Lat 35°10'31", long 80°49'51", Mecklenburg County, Hydrologic Unit 03050103, on left bank on upstream side of third footbridge 900 feet upstream of Colony Road at Charlotte. Located within Myers Park Country Club.

DRAINAGE AREA.--19.0 mi².

PERIOD OF RECORD.--December 1995 to current year.

GAGE.--Water-stage recorder. Datum of gage is 598.02 ft above North American Vertical Datum of 1988. Radio telemetry at station.

REMARKS.--Records fair except those for estimated daily discharges, which are poor. Maximum gage height for period of record 15.41 ft, from floodmarks. Maximum discharge for period of record from slope-area measurement of peak flow.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Aug. 27, 1995 reached a stage of 15.6 ft, at present site and datum, from floodmarks; discharge not determined.

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	9.8	5.2	10	6.0	6.1	22	23	32	59	267	13	2.7
2	9.7	4.7	6.9	6.0	6.0	14	24	8.6	195	31	7.7	2.6
3	15	7.5	6.4	6.1	92	12	14	7.9	16	7.9	6.3	2.5
4	9.2	99	7.0	6.3	14	10	12	7.6	9.6	6.0	5.7	2.3
5	7.4	11	6.0	6.4	8.5	9.8	11	7.7	7.7	5.6	5.3	2.3
6	6.1	6.4	29	6.5	7.3	9.1	11	8.7	7.6	5.2	5.1	2.3
7	5.9	5.7	16	6.3	6.9	9.0	16	7.6	69	297	4.8	2.3
8	5.8	5.3	7.9	6.3	6.8	112	14	7.5	10	25	42	2.3
9	5.7	5.1	14	6.4	6.7	15	11	7.4	8.6	9.2	161	e2.3
10	5.5	5.2	156	6.6	6.7	11	9.8	174	9.0	7.3	38	e2.1
11	4.8	5.7	15	6.7	5.8	11	9.7	45	9.2	31	9.2	1.9
12	5.4	51	9.8	6.4	5.7	10	156	92	11	12	6.4	e2.0
13	129	10	8.5	6.5	5.8	9.5	156	27	6.0	21	5.7	e2.1
14	8.6	5.5	7.4	228	41	18	115	11	5.8	8.7	13	2.0
15	7.0	5.2	6.9	12	9.9	8.8	21	8.9	6.1	6.0	8.0	2.1
16	5.7	5.7	6.9	8.2	6.9	99	15	8.6	4.9	5.5	5.8	9.3
17	5.5	5.7	6.8	6.9	7.1	72	14	8.4	4.7	5.2	19	4.2
18	6.3	5.6	6.8	6.4	5.8	19	12	7.8	4.6	16	7.2	1.9
19	6.3	6.2	6.9	6.2	5.5	14	11	7.3	5.9	7.5	5.3	1.9
20	5.7	7.2	6.5	6.5	8.7	12	10	64	5.9	44	4.8	1.9
21	5.6	6.6	6.7	6.3	41	11	9.6	8.9	4.5	9.3	4.4	1.8
22	6.0	6.5	6.8	5.9	10	61	26	7.2	4.3	43	4.4	1.8
23	5.5	21	49	5.6	7.1	95	14	7.0	3.9	11	131	1.8
24	7.5	49	9.5	5.3	62	19	8.6	6.3	3.8	5.0	8.8	1.8
25	5.6	18	7.1	5.6	11	14	8.4	6.0	3.7	4.8	4.7	1.8
26	5.1	6.6	6.7	5.9	7.9	12	8.4	5.9	14	4.8	4.0	2.1
27	5.2	36	6.4	5.4	12	17	8.7	5.7	6.8	4.2	3.7	2.5
28	5.9	47	6.1	4.7	213	304	8.6	5.5	90	31	3.6	1.9
29	5.6	7.9	6.2	8.2	---	27	8.1	5.5	7.8	194	3.2	7.1
30	5.3	7.3	6.2	37	---	16	34	15	13	221	3.3	3.7
31	5.0	---	6.1	8.5	---	81	---	6.3	---	45	3.8	---
TOTAL	326.7	468.8	457.5	455.1	627.2	1,154.2	799.9	628.3	607.4	1,391.2	548.2	79.3
MEAN	10.5	15.6	14.8	14.7	22.4	37.2	26.7	20.3	20.2	44.9	17.7	2.64
MAX	129	99	156	228	213	304	156	174	195	297	161	9.3
MIN	4.8	4.7	6.0	4.7	5.5	8.8	8.1	5.5	3.7	4.2	3.2	1.8
CFSM	0.55	0.82	0.78	0.77	1.18	1.96	1.40	1.07	1.07	2.36	0.93	0.14
IN.	0.64	0.92	0.90	0.89	1.23	2.26	1.57	1.23	1.19	2.72	1.07	0.16

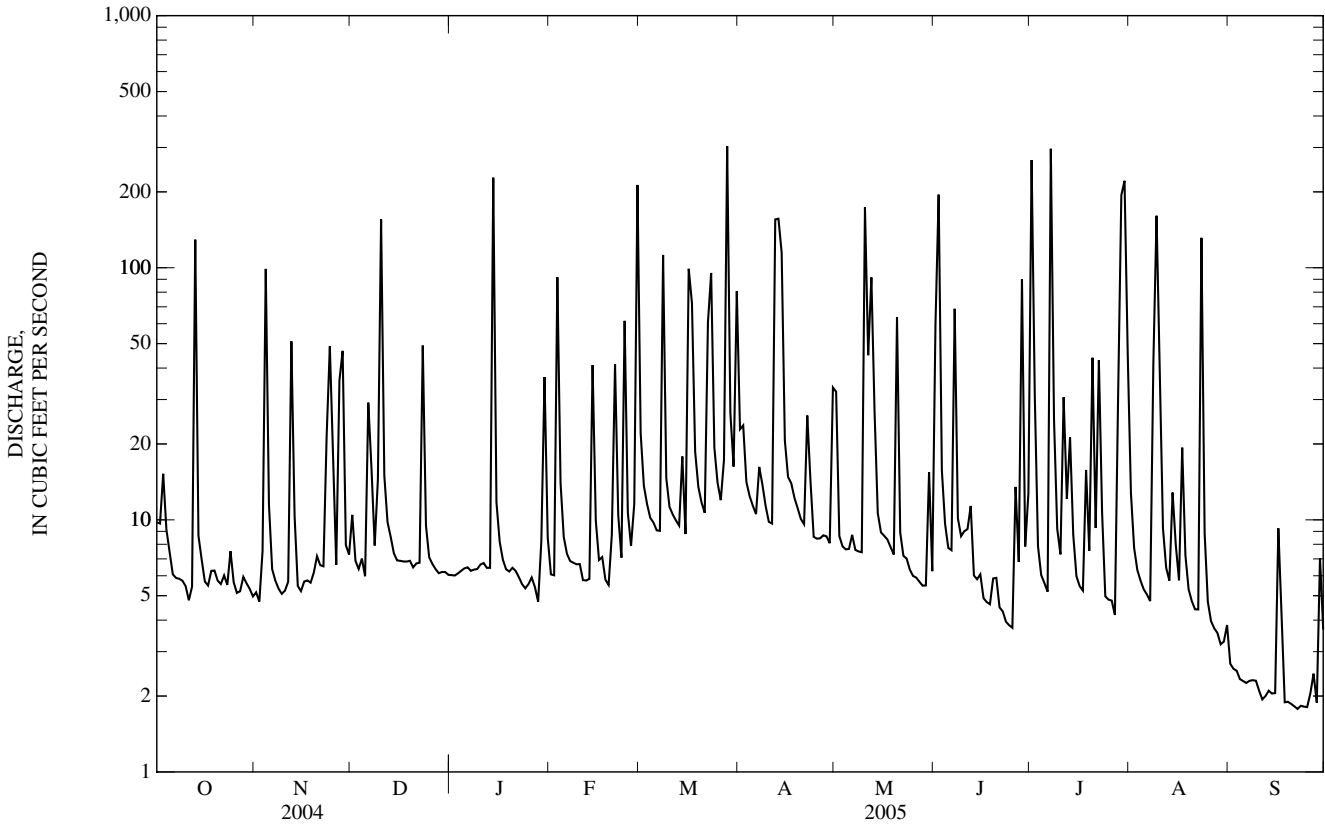
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1996 - 2005, BY WATER YEAR (WY)

MEAN	14.7	12.7	17.4	26.1	26.8	32.0	34.0	22.6	24.6	32.1	16.3	22.1
MAX	31.0	27.7	45.8	65.2	46.9	78.2	94.2	112	118	114	34.4	83.7
(WY)	(2000)	(2003)	(2003)	(1998)	(1998)	(2003)	(2003)	(2003)	(2003)	(1997)	(2003)	(2004)
MIN	2.29	3.49	5.83	7.15	8.05	11.5	5.93	7.80	2.99	8.57	1.80	2.64
(WY)	(2001)	(2002)	(2001)	(2004)	(2002)	(1999)	(2002)	(2004)	(2002)	(1996)	(2001)	(2005)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1996 - 2005	
ANNUAL TOTAL	8,188.5		7,543.8		23.7	
ANNUAL MEAN	22.4		20.7		53.3	
HIGHEST ANNUAL MEAN					10.8	2003
LOWEST ANNUAL MEAN					2,610	2002
HIGHEST DAILY MEAN	836	Sep 28	304	Mar 28	0.18	Jul 23, 1997
LOWEST DAILY MEAN	2.0	Jun 20	1.8	Sep 21	0.29	Aug 14, 2002
ANNUAL SEVEN-DAY MINIMUM	2.7	Jun 1	1.8	Sep 19	5,680*	Aug 8, 2002
MAXIMUM PEAK FLOW			1,600	Jul 7	15.41*	Jul 23, 1997
MAXIMUM PEAK STAGE			9.22	Jul 7	0.12	Jul 23, 1997
INSTANTANEOUS LOW FLOW			1.6	Sep 25	1.25	Aug 13, 2002
ANNUAL RUNOFF (CFSM)	1.18		1.09		16.95	
ANNUAL RUNOFF (INCHES)	16.03		14.77		44	
10 PERCENT EXCEEDS	44		44		6.4	
50 PERCENT EXCEEDS	6.4		7.3		2.2	
90 PERCENT EXCEEDS	3.5		4.1			

* See REMARKS.

e Estimated.



02146470 LITTLE HOPE CREEK AT SENECA PLACE AT CHARLOTTE, NC

LOCATION.--Lat 35°09'52", long 80°51'11", Mecklenburg County, Hydrologic Unit 03050103, on right bank at downstream side of bridge on Seneca Place, 0.8 mi upstream from mouth, and 4 mi south of city hall in Charlotte.

DRAINAGE AREA.--2.63 mi².

PERIOD OF RECORD.--Water years 1967 to 1970 (annual maximum), December 1982 to September 1990, October 1994 to current year.

REVISED RECORDS.--WDR NC-85-1: 1984 (P). WDR NC-88-1: Drainage area.

GAGE.--Water-stage recorder, crest-stage gage, and concrete control. Datum of gage is 597.32 ft above North American Vertical Datum of 1988. Radio telemetry at station.

REMARKS.--Records fair except those for estimated daily discharges, which are poor. No flow occurred periodically in 1986, 1987, 1988, 2001, 2002. Maximum discharge for period of record and current water year from rating curve extended above 1,700 ft³/s. Minimum discharge for current water year also occurred Sept. 22, 30. Maximum peak stage for current water year from crest-stage gage.

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	0.79	0.46	1.1	0.65	0.77	1.7	1.8	2.7	11	19	1.1	0.16
2	1.1	0.47	0.60	0.74	0.67	e1.3	2.2	0.93	20	7.3	0.80	0.16
3	2.0	0.98	0.59	0.65	12	e1.0	1.3	0.74	1.6	1.7	0.70	0.16
4	0.77	8.6	0.59	0.66	1.2	e0.95	1.2	0.65	1.2	1.1	0.65	0.16
5	0.67	0.72	0.63	0.75	0.96	0.94	1.1	0.65	1.0	0.91	1.2	0.19
6	0.66	0.56	4.0	0.78	0.90	0.86	1.1	0.85	e0.95	0.88	0.63	0.29
7	0.65	0.58	0.98	0.66	0.86	0.92	1.6	0.64	e15	29	0.58	0.27
8	0.59	0.51	0.68	0.68	0.86	10	1.5	0.62	e2.0	1.5	8.1	0.56
9	0.60	0.47	1.2	0.69	0.87	1.2	1.0	0.60	1.3	0.84	22	0.42
10	0.61	0.48	23	0.72	0.83	1.0	0.98	e30	1.2	0.74	1.5	0.11
11	0.59	0.52	1.3	0.72	0.66	1.0	1.0	e4.5	0.99	5.8	0.84	0.13
12	0.59	7.2	0.97	0.72	0.65	0.92	21	11	0.93	1.2	1.7	0.14
13	14	0.64	0.89	0.71	0.70	0.87	14	1.9	0.89	1.5	0.83	0.13
14	0.66	0.46	0.80	23	4.8	1.1	12	1.0	0.85	0.86	12	0.12
15	0.59	0.46	0.78	1.1	0.88	0.79	1.9	0.88	0.83	0.72	1.2	0.09
16	0.51	0.48	0.66	0.91	0.76	11	1.5	0.83	0.71	0.76	0.70	4.1
17	0.53	0.48	0.69	0.80	0.68	6.4	1.4	0.80	0.59	0.63	3.5	0.21
18	0.54	0.48	0.67	0.72	0.65	1.5	1.2	0.78	1.1	0.89	1.6	0.11
19	0.53	0.48	0.67	0.73	0.65	1.2	1.1	0.71	3.0	0.53	0.71	0.11
20	0.54	0.47	0.65	0.72	1.5	1.0	1.1	10	0.80	0.56	0.61	0.12
21	0.52	0.44	0.68	0.77	6.2	0.97	1.0	0.86	0.64	0.50	0.54	0.14
22	0.59	0.46	0.68	0.72	1.1	10	5.1	0.76	0.58	0.95	0.52	0.10
23	0.54	2.9	6.4	0.68	0.83	11	1.4	0.74	0.54	0.61	21	0.17
24	0.70	6.7	0.82	0.65	8.5	1.6	1.0	0.70	0.52	0.43	0.50	0.16
25	0.49	1.2	0.69	0.66	1.1	1.4	1.0	0.63	0.54	0.41	0.28	0.08
26	0.49	0.59	0.65	0.65	0.95	1.3	0.99	0.63	5.7	0.39	0.25	0.08
27	0.53	7.1	0.65	0.64	3.2	5.1	0.97	0.60	0.96	0.37	0.22	0.12
28	0.57	2.3	0.69	0.59	23	39	0.87	0.52	19	6.8	0.20	0.15
29	0.67	0.72	0.66	1.2	---	2.1	0.89	0.52	1.1	31	0.20	0.85
30	0.79	0.65	0.65	4.6	---	1.5	4.5	2.3	0.79	11	0.19	0.12
31	0.64	---	0.65	1.0	---	11	---	0.63	---	2.8	0.17	---
TOTAL	34.05	48.56	54.67	49.27	76.73	130.62	87.70	79.67	96.31	131.68	85.02	9.71
MEAN	1.10	1.62	1.76	1.59	2.74	4.21	2.92	2.57	3.21	4.25	2.74	0.32
MAX	14	8.6	23	23	23	39	21	30	20	31	22	4.1
MIN	0.49	0.44	0.59	0.59	0.65	0.79	0.87	0.52	0.52	0.37	0.17	0.08
CFSM	0.42	0.62	0.67	0.60	1.04	1.60	1.11	0.98	1.22	1.62	1.04	0.12
IN.	0.48	0.69	0.77	0.70	1.09	1.85	1.24	1.13	1.36	1.86	1.20	0.14

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1983 - 2005,® BY WATER YEAR (WY)

MEAN	2.17	2.65	2.86	3.87	4.87	4.49	3.45	3.20	2.98	3.07	2.83	2.42
MAX	5.05	10.5	10.5	9.46	8.96	9.67	10.9	15.5	12.6	13.8	9.12	8.17
(WY)	(1990)	(1986)	(1984)	(1998)	(1990)	(2003)	(2003)	(2003)	(2003)	(1997)	(1995)	(1989)
MIN	0.26	0.58	1.09	0.85	0.91	1.03	0.66	0.88	0.22	0.31	0.19	0.32
(WY)	(2001)	(2004)	(2001)	(2004)	(2002)	(1985)	(2002)	(1987)	(1986)	(1986)	(1987)	(2005)

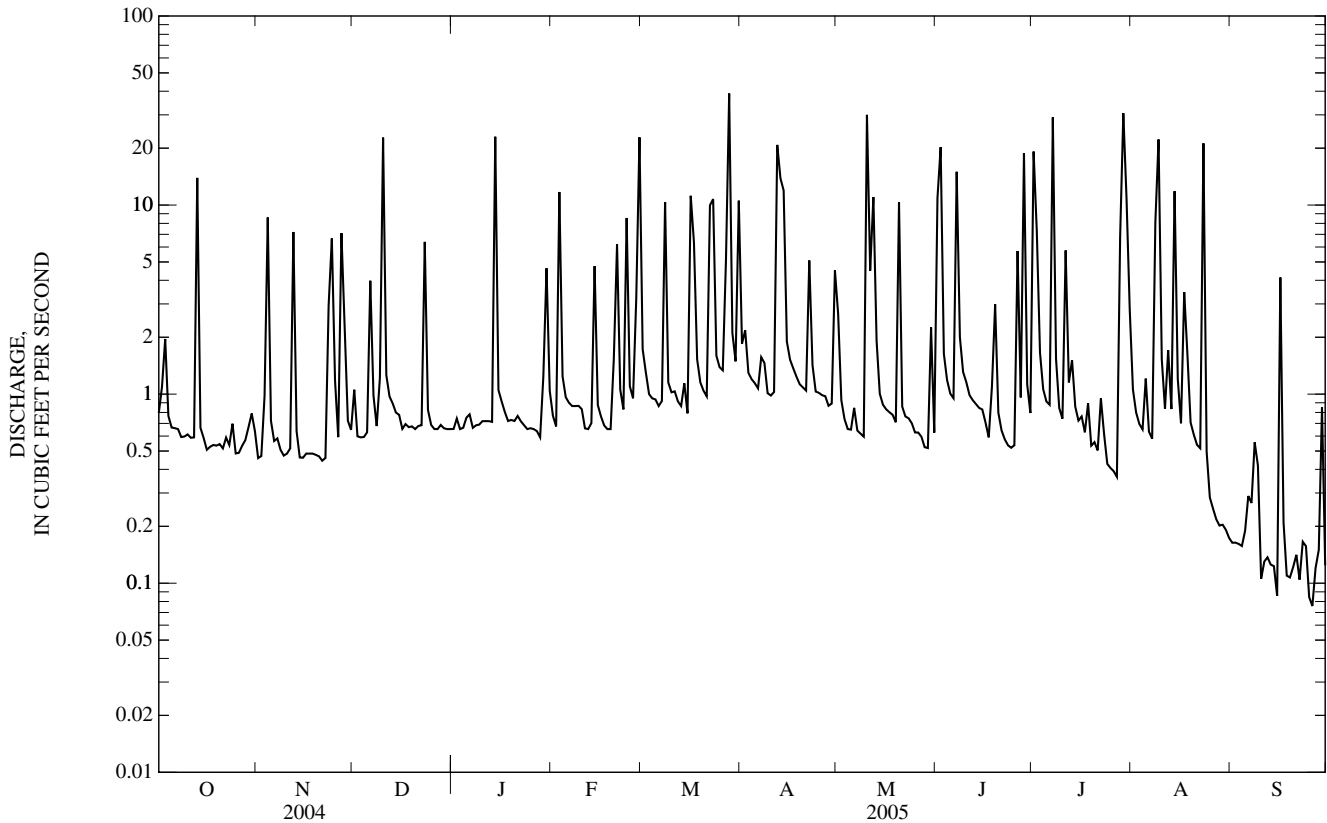
02146470 LITTLE HOPE CREEK AT SENECA PLACE AT CHARLOTTE, NC—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1983 - 2005 [@]	
ANNUAL TOTAL	1,003.06		883.99		3.23	
ANNUAL MEAN	2.74		2.42		6.32	
HIGHEST ANNUAL MEAN					1.66	2001
LOWEST ANNUAL MEAN					282	Jul 23, 1997
HIGHEST DAILY MEAN	62	Sep 7	39	Mar 28	0.00	Jul 14, 1986
LOWEST DAILY MEAN	0.07	Jul 25	0.08	Sep 25	0.00	Jul 14, 1986
ANNUAL SEVEN-DAY MINIMUM	0.10	Jul 20	0.12	Sep 20	0.00	Jun 7, 2003
MAXIMUM PEAK FLOW			2,370*	Jun 7	2,590*	Jun 7, 2003
MAXIMUM PEAK STAGE			9.57*	Jun 7	9.89	Jun 7, 2003
INSTANTANEOUS LOW FLOW			0.05*	Sep 21	0.00*	Jul 14, 1986
ANNUAL RUNOFF (CFSM)	1.04		0.921		1.23	
ANNUAL RUNOFF (INCHES)	14.19		12.50		16.71	
10 PERCENT EXCEEDS	5.9		6.5		6.0	
50 PERCENT EXCEEDS	0.66		0.79		0.87	
90 PERCENT EXCEEDS	0.28		0.42		0.24	

[@] See PERIOD OF RECORD.

* See REMARKS.

e Estimated



02146507 LITTLE SUGAR CREEK AT ARCHDALE DRIVE AT CHARLOTTE, NC

LOCATION.--Lat 35°08'53", long 80°51'28", Mecklenburg County, Hydrologic Unit 03050103, on left bank at downstream side of bridge on Archdale Drive (Secondary Road 3657) in Charlotte, 0.7 mi downstream of Little Hope Creek, and 5.0 mi south of city hall, Charlotte.

DRAINAGE AREA.--42.6 mi².

PERIOD OF RECORD.--January 1978 to current year.

GAGE.--Water-stage recorder. Datum of gage is 563.69, above North American Vertical Datum of 1988. Radio telemetry at station.

REMARKS.--No estimated daily discharges. Records fair. A daily average of 19.5 ft³/s of treated sewage effluent from Sugar Creek wastewater treatment plant was discharged into the stream 0.4 mi upstream from gage. Minimum discharge for period of record and current water year affected by regulation.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Sept. 22, 1975, reached a stage of about 12.7 ft, from floodmarks, discharge, 7,360 ft³/s.

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	49	32	43	34	36	70	75	102	172	631	50	29
2	48	32	36	33	36	52	80	44	541	101	42	29
3	59	37	29	33	254	48	57	42	62	43	42	28
4	57	239	34	34	56	44	53	41	46	38	41	27
5	43	46	33	33	44	44	51	41	42	37	35	26
6	40	33	90	33	40	42	49	51	51	36	33	27
7	40	32	61	33	39	42	61	42	485	643	31	27
8	38	31	37	32	39	291	58	40	71	73	132	27
9	36	30	51	32	39	57	52	40	53	36	439	28
10	36	30	428	32	39	48	47	572	64	34	79	26
11	35	29	52	33	37	47	47	165	60	78	43	25
12	37	160	41	31	36	46	425	249	51	51	41	25
13	299	47	37	32	37	45	387	95	45	67	37	25
14	36	32	36	604	112	64	316	47	45	46	143	26
15	33	32	36	48	49	45	66	43	44	37	48	25
16	30	31	35	39	39	260	61	43	43	36	38	83
17	29	32	35	37	39	184	58	41	42	35	70	38
18	31	32	35	35	32	65	56	40	41	53	41	27
19	32	31	34	35	30	55	53	39	47	41	35	25
20	30	32	34	37	38	51	51	198	46	107	37	26
21	30	31	34	35	123	48	49	45	41	52	36	26
22	30	31	34	34	45	177	94	40	41	111	36	27
23	30	68	137	34	35	302	65	40	40	50	540	24
24	36	150	43	33	178	68	45	39	39	34	52	26
25	33	64	35	34	43	55	44	38	39	34	36	25
26	31	36	34	36	36	51	45	37	84	38	32	26
27	31	101	36	35	42	64	45	37	54	33	30	28
28	33	128	34	33	564	847	44	36	353	121	30	26
29	34	39	33	38	---	83	39	35	54	606	30	38
30	33	37	33	109	---	61	101	59	44	705	31	31
31	32	---	34	44	---	219	---	39	---	109	33	---
TOTAL	1,391	1,685	1,704	1,725	2,137	3,575	2,674	2,420	2,840	4,116	2,343	876
MEAN	44.9	56.2	55.0	55.6	76.3	115	89.1	78.1	94.7	133	75.6	29.2
MAX	299	239	428	604	564	847	425	572	541	705	540	83
MIN	29	29	29	31	30	42	39	35	39	33	30	24
CFSM	1.05	1.32	1.29	1.31	1.79	2.71	2.09	1.83	2.22	3.12	1.77	0.69
IN.	1.21	1.47	1.49	1.51	1.87	3.12	2.34	2.11	2.48	3.59	2.05	0.76

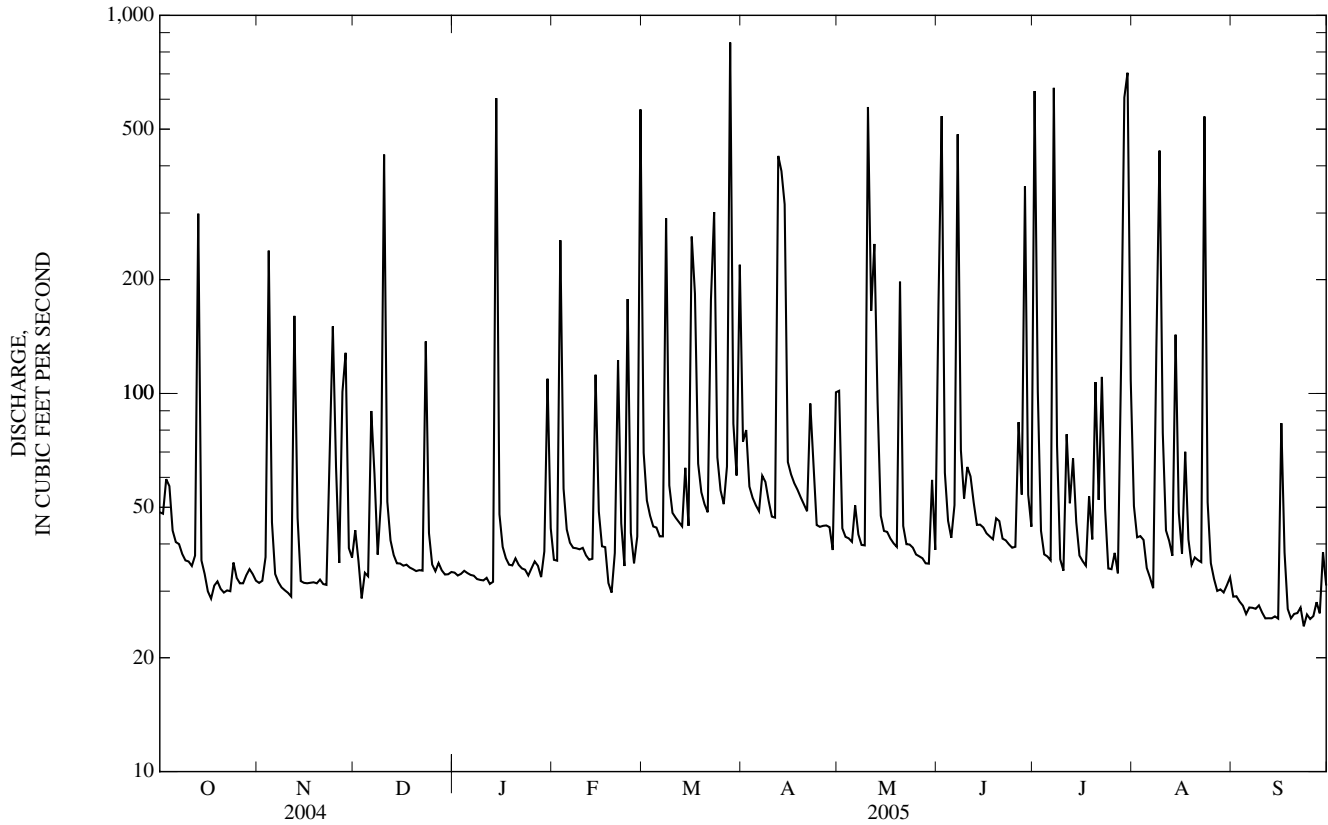
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1978 - 2005, BY WATER YEAR (WY)

MEAN	69.2	68.9	69.3	103	108	119	89.1	77.3	77.9	76.1	75.5	68.9
MAX	258	197	164	207	194	245	257	322	256	310	227	233
(WY)	(1991)	(1986)	(1984)	(1978)	(1979)	(1993)	(2003)	(2003)	(2003)	(1997)	(1995)	(2004)
MIN	25.1	22.6	32.8	31.6	44.4	40.0	30.8	33.8	20.5	27.2	29.5	21.7
(WY)	(2001)	(1982)	(1981)	(1981)	(2002)	(1985)	(1981)	(1986)	(1986)	(1986)	(1987)	(1986)

02146507 LITTLE SUGAR CREEK AT ARCHDALE DRIVE AT CHARLOTTE, NC—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1978 - 2005	
ANNUAL TOTAL	30,122		27,486		83.5	
ANNUAL MEAN	82.3		75.3		51.7	
HIGHEST ANNUAL MEAN					154	2003
LOWEST ANNUAL MEAN					51.7	1981
HIGHEST DAILY MEAN	1,710	Sep 28	847	Mar 28	6,160	Jul 23, 1997
LOWEST DAILY MEAN	27	Jul 25	24	Sep 23	15	Sep 20, 1981
ANNUAL SEVEN-DAY MINIMUM	30	Oct 16	26	Sep 19	15	May 28, 1994
MAXIMUM PEAK FLOW			5,080	Aug 23	13,600	Jul 23, 1997
MAXIMUM PEAK STAGE			10.06	Aug 23	15.06	Jul 23, 1997
INSTANTANEOUS LOW FLOW			8.7*	Sep 23	2.1*	Aug 15, 2002
ANNUAL RUNOFF (CFSM)	1.93		1.77		1.96	
ANNUAL RUNOFF (INCHES)	26.30		24.00		26.63	
10 PERCENT EXCEEDS	130		130		150	
50 PERCENT EXCEEDS	40		40		38	
90 PERCENT EXCEEDS	32		30		25	

* See REMARKS.



02146530 LITTLE SUGAR CREEK AT HIGHWAY 51 AT PINEVILLE, NC

LOCATION.--Lat 35°05'07", long 80°52'56", Mecklenburg County, Hydrologic Unit 03050103, on left bank on upstream side of bridge on State Highway 51, 0.5 mi east of intersection of State Highway 51 and U.S. Highway 521 at Pineville.,

DRAINAGE AREA.--49.2 mi².

PERIOD OF RECORD.--Occasional discharge measurements, water years 1966-97. June 1997 to current year.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 531.94 ft above North American Vertical Datum of 1988. Radio telemetry at station.

REMARKS.--Records good except those for estimated daily discharges, which are poor. A daily average of 19.5 ft³/s of treated effluent from Sugar Creek wastewater treatment plant was discharged into the stream 5.2 mi upstream from the gage. Maximum gage height for period of record from floodmarks. Maximum discharge for period of record from rating curve extended above 10,100 ft³/s.

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	48	35	49	38	45	88	99	112	130	626	61	31
2	47	36	42	38	43	63	86	46	626	217	46	31
3	66	38	34	38	269	55	63	43	78	62	41	29
4	53	283	38	39	77	51	56	42	52	44	51	29
5	41	74	37	38	54	50	54	41	46	42	39	28
6	38	40	84	38	49	47	51	49	49	41	37	29
7	38	37	101	38	47	46	62	43	422	570	36	29
8	37	36	43	37	46	307	61	39	91	126	115	29
9	36	36	53	37	46	66	55	39	49	46	500	30
10	36	35	430	37	46	51	48	324	58	39	108	28
11	35	35	69	37	44	49	48	345	55	71	53	28
12	37	156	49	37	43	48	254	144	45	72	55	e28
13	306	77	44	36	43	46	520	187	39	69	40	28
14	48	38	42	602	123	63	383	54	38	56	184	28
15	42	37	41	68	67	46	81	48	37	38	66	28
16	37	37	41	52	48	257	69	47	37	36	40	80
17	36	37	41	47	46	232	63	44	35	35	73	46
18	38	37	40	45	38	72	59	42	35	48	92	28
19	38	36	40	44	36	58	55	41	38	50	36	27
20	37	37	39	45	40	53	52	276	39	93	36	27
21	36	36	39	44	147	50	50	58	35	65	35	27
22	36	36	39	43	61	119	84	46	34	103	35	27
23	36	90	164	43	41	375	90	44	33	70	552	25
24	39	146	55	e43	195	78	46	42	32	34	72	26
25	37	101	41	44	55	61	45	39	32	33	40	26
26	36	42	39	43	43	55	45	38	80	36	35	26
27	36	63	40	42	43	56	45	37	64	34	34	28
28	36	203	39	41	570	826	45	36	345	92	33	26
29	38	46	38	45	---	110	41	36	59	619	32	35
30	37	42	38	123	---	72	107	62	40	592	33	39
31	36	---	38	58	---	235	---	40	---	150	34	---
TOTAL	1,497	1,982	1,927	1,960	2,405	3,785	2,817	2,484	2,753	4,209	2,644	926
MEAN	48.3	66.1	62.2	63.2	85.9	122	93.9	80.1	91.8	136	85.3	30.9
MAX	306	283	430	602	570	826	520	345	626	626	552	80
MIN	35	35	34	36	36	46	41	36	32	33	32	25
CFSM	0.98	1.34	1.26	1.29	1.75	2.48	1.91	1.63	1.87	2.76	1.73	0.63
IN.	1.13	1.50	1.46	1.48	1.82	2.86	2.13	1.88	2.08	3.18	2.00	0.70

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1997 - 2005, BY WATER YEAR (WY)

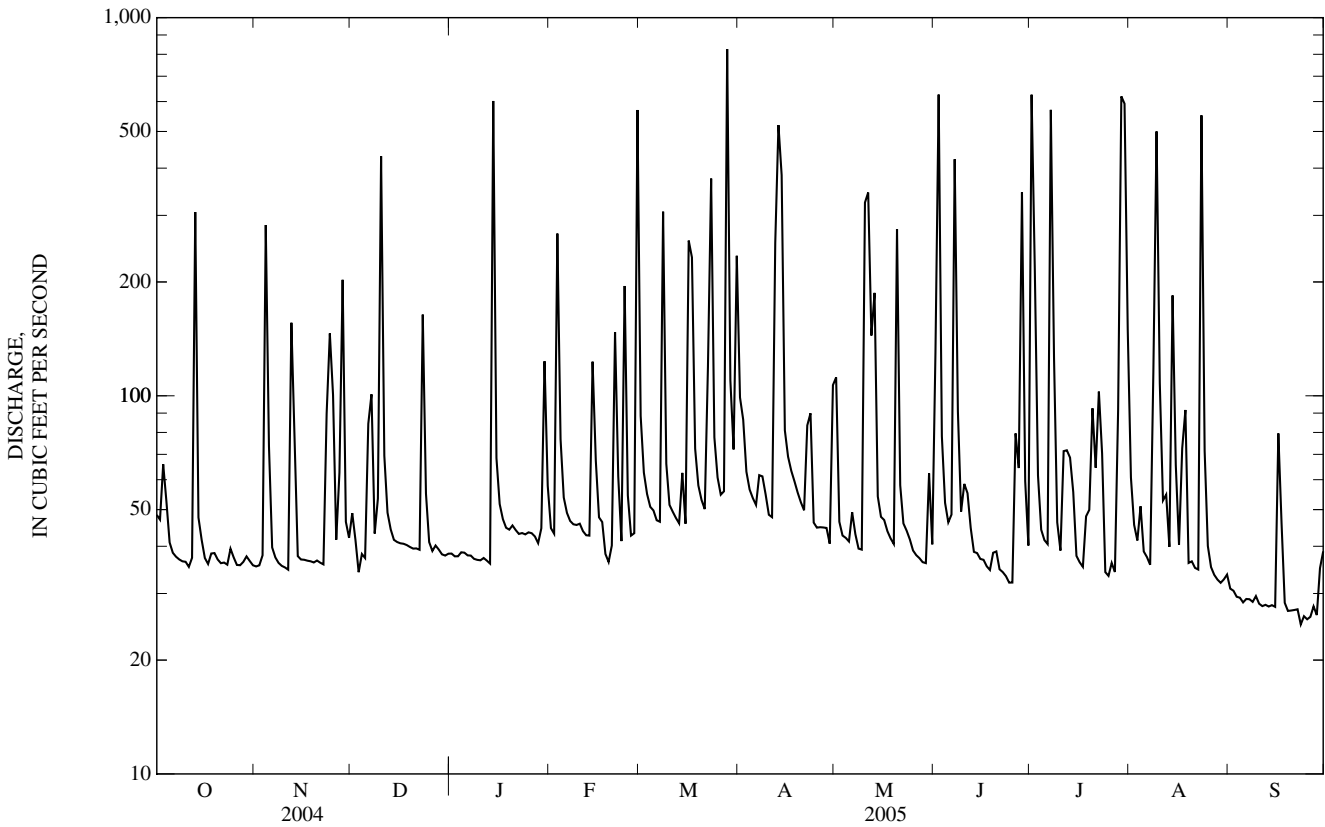
MEAN	64.2	61.0	77.9	102	94.0	114	114	91.4	96.9	123	73.9	87.3
MAX	115	104	152	236	167	237	269	332	283	336	123	224
(WY)	(2000)	(2003)	(2003)	(1998)	(1998)	(2003)	(2003)	(2003)	(2003)	(1997)	(2003)	(2004)
MIN	33.0	29.9	46.9	38.7	44.2	55.5	35.4	40.1	35.1	57.1	36.3	30.9
(WY)	(2002)	(2002)	(2000)	(2004)	(2002)	(1999)	(2002)	(1999)	(2002)	(2001)	(2001)	(2005)

02146530 LITTLE SUGAR CREEK AT HIGHWAY 51 AT PINEVILLE, NC—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1997 - 2005	
ANNUAL TOTAL	29,856		29,389		90.1	
ANNUAL MEAN	81.6		80.5		164	
HIGHEST ANNUAL MEAN					56.9	
LOWEST ANNUAL MEAN					2002	
HIGHEST DAILY MEAN	1,800	Sep 28	826	Mar 28	6,780	Jul 23, 1997
LOWEST DAILY MEAN	26	Jul 16	25	Sep 23	21	Dec 9, 2001
ANNUAL SEVEN-DAY MINIMUM	30	Jul 20	26	Sep 20	22	Oct 16, 2001
MAXIMUM PEAK FLOW			3,010	Aug 23	11,200*	Jul 23, 1997
MAXIMUM PEAK STAGE			12.71	Aug 23	23.04*	Jul 23, 1997
INSTANTANEOUS LOW FLOW			18	Sep 23	10	Aug 15, 2002
ANNUAL RUNOFF (CFSM)	1.66		1.64		1.83	
ANNUAL RUNOFF (INCHES)	22.57		22.22		24.88	
10 PERCENT EXCEEDS	158		146		179	
50 PERCENT EXCEEDS	38		44		40	
90 PERCENT EXCEEDS	31		34		29	

* See REMARKS.

e Estimated.



0214655255 MCALPINE CREEK AT STATE ROAD 3150 NEAR IDLEWILD, NC

LOCATION.--Lat 35°10'33", long 80°43'09", Mecklenburg County, Hydrologic Unit 03050103, on left bank at upstream side of culvert on State Road 3120 (Idlewild Road), 1.5 mi above Irvins Creek, and 1.6 mi southeast of Idlewild.

DRAINAGE AREA.--7.52 mi².

PERIOD OF RECORD.--June 1999 to current year.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 613.19 ft above North American Vertical Datum of 1988. Radio telemetry at station.

REMARKS.--Records fair except those for estimated daily discharges, which are poor. Minimum discharge for current water year also occurred Sept. 22, 27. No flow also occurred July 11, Aug. 13-14, 2002. Maximum discharge for period of record from rating curve extended above 800 ft³/s on basis of culvert computation of peak flow.

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	3.2	1.8	3.6	2.1	3.0	13	13	6.9	12	14	3.7	0.50
2	2.8	1.8	2.6	2.3	2.5	6.3	9.6	2.9	90	10	1.8	0.37
3	3.6	2.2	2.4	2.3	27	4.7	6.0	2.1	12	2.7	1.2	0.29
4	3.3	23	2.3	2.3	9.7	3.8	4.6	1.9	4.5	1.8	0.94	0.26
5	2.8	7.6	2.2	2.3	4.5	3.4	4.1	1.8	3.0	1.4	0.83	0.24
6	2.5	3.0	4.1	2.3	3.3	3.1	3.8	2.1	2.3	1.1	0.77	0.24
7	2.1	2.3	4.2	2.4	2.9	4.3	4.2	1.8	2.5	21	0.70	0.22
8	2.0	2.0	2.9	2.6	2.7	29	6.5	1.8	2.4	9.2	0.64	e0.26
9	1.9	1.9	3.1	2.4	2.7	7.4	5.0	1.8	1.7	2.7	2.0	e0.25
10	1.9	1.8	44	2.4	2.8	4.4	3.7	5.3	3.0	1.7	1.5	0.21
11	1.8	1.8	9.6	2.2	2.5	4.1	3.3	6.2	2.1	1.6	0.86	0.18
12	1.7	9.5	4.7	2.2	2.2	3.4	40	12	1.4	1.5	0.91	0.17
13	72	6.4	3.5	2.3	2.4	3.0	81	12	1.3	1.5	0.62	0.14
14	6.7	2.9	2.8	56	11	3.0	52	3.7	1.2	1.3	0.59	0.15
15	3.3	2.3	2.4	7.4	6.5	2.6	11	2.5	1.0	1.0	0.55	0.13
16	2.6	2.1	2.4	4.2	3.7	27	6.5	2.2	0.92	0.90	0.53	0.24
17	2.1	2.0	2.5	3.3	3.0	32	4.9	1.8	0.80	0.81	0.46	0.55
18	2.1	2.0	2.5	2.7	2.6	9.3	3.9	1.5	0.78	0.68	2.2	0.23
19	1.8	1.9	2.5	2.6	2.3	5.4	3.8	1.4	0.77	0.65	0.86	0.15
20	1.8	2.0	2.2	2.7	2.8	4.9	3.2	12	0.89	1.0	0.65	0.14
21	1.7	2.0	2.0	2.6	11	3.7	3.0	3.3	0.79	0.60	0.53	0.11
22	1.7	2.0	2.1	2.3	6.0	12	3.6	1.9	0.74	1.4	0.45	0.12
23	1.7	5.6	8.5	2.2	3.6	28	4.0	1.6	0.68	1.4	3.5	0.12
24	2.1	13	4.3	2.0	19	7.9	2.8	1.3	0.64	0.69	1.6	0.20
25	1.9	9.5	2.9	2.0	7.0	4.8	2.5	1.0	0.63	0.56	0.71	0.18
26	1.8	3.3	2.5	2.1	4.0	3.9	2.2	1.0	3.2	0.50	0.52	0.14
27	1.8	5.7	2.2	2.0	4.5	4.0	2.3	0.97	2.0	0.43	0.46	0.12
28	2.2	14	2.1	1.9	74	76	2.1	1.6	12	6.7	0.39	0.18
29	2.1	4.6	2.1	2.4	---	13	2.1	1.4	3.7	36	0.34	0.75
30	2.8	3.2	2.1	9.7	---	7.1	5.2	2.8	1.9	9.1	2.7	0.74
31	1.9	---	2.1	4.5	---	23	---	1.7	---	8.9	1.4	---
TOTAL	143.7	143.2	139.4	142.7	229.2	357.5	299.9	102.27	170.84	142.82	34.91	7.58
MEAN	4.64	4.77	4.50	4.60	8.19	11.5	10.0	3.30	5.69	4.61	1.13	0.25
MAX	72	23	44	56	74	76	81	12	90	36	3.7	0.75
MIN	1.7	1.8	2.0	1.9	2.2	2.6	2.1	0.97	0.63	0.43	0.34	0.11
CFM	0.62	0.63	0.60	0.61	1.09	1.53	1.33	0.44	0.76	0.61	0.15	0.03
IN.	0.71	0.71	0.69	0.71	1.13	1.77	1.48	0.51	0.85	0.71	0.17	0.04

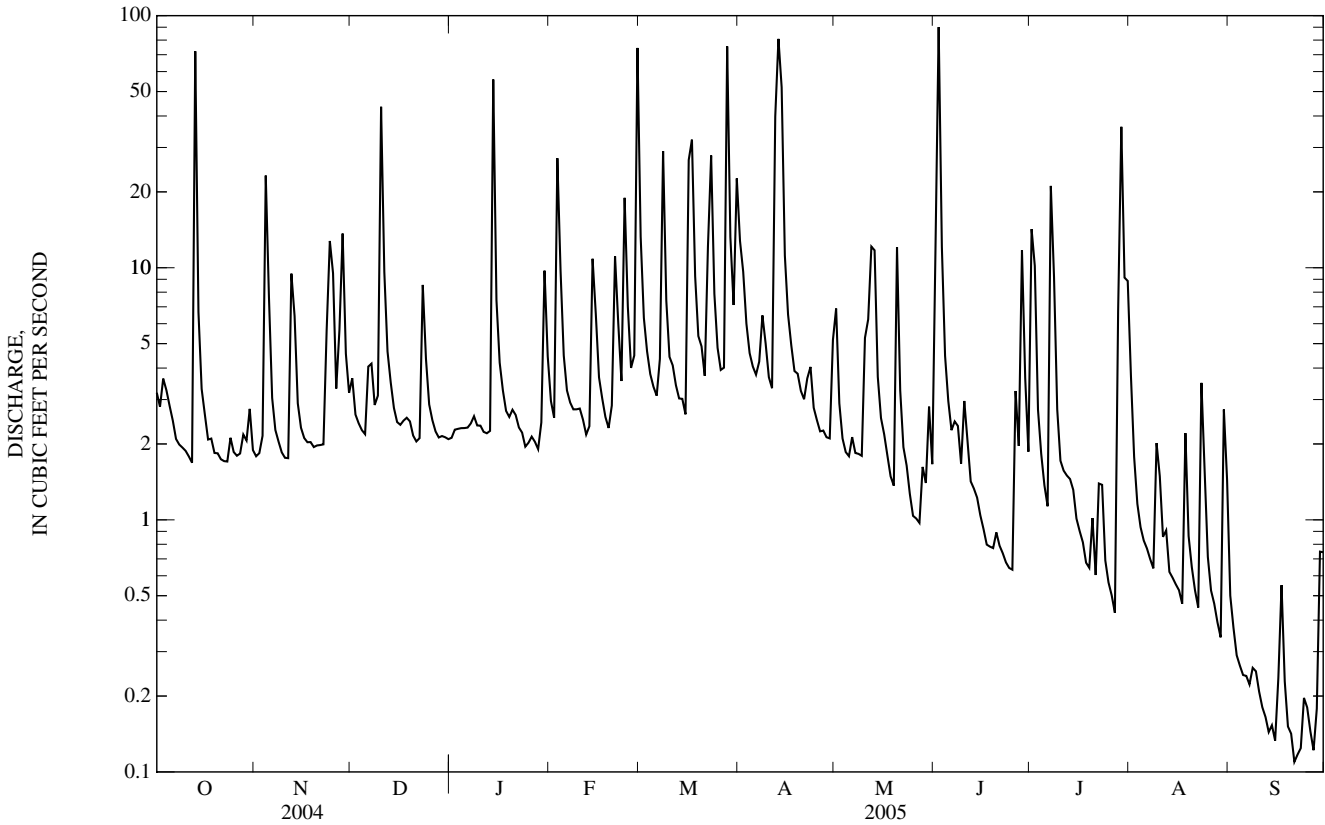
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2005, BY WATER YEAR (WY)

MEAN	4.14	3.59	5.51	4.96	8.01	12.4	9.76	6.90	10.1	7.39	4.66	7.90
MAX	8.81	8.95	18.3	9.20	12.1	26.1	31.2	31.1	53.5	21.0	12.8	34.4
(WY)	(2000)	(2003)	(2003)	(2000)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2004)
MIN	0.45	0.82	1.70	1.11	3.02	5.35	2.24	1.12	0.64	0.79	0.63	0.25
(WY)	(2001)	(2002)	(2001)	(2004)	(2002)	(2000)	(2002)	(2004)	(2002)	(2002)	(2001)	(2005)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1999 - 2005	
ANNUAL TOTAL	2,868.18		1,914.02		7.33	
ANNUAL MEAN	7.84		5.24		2.94	
HIGHEST ANNUAL MEAN					19.2	2003
LOWEST ANNUAL MEAN					2.94	2002
HIGHEST DAILY MEAN	385	Sep 28	90	Jun 2	654	Jun 7, 2003
LOWEST DAILY MEAN	0.11	Jun 3	0.11	Sep 21	0.00	Jul 10, 2002
ANNUAL SEVEN-DAY MINIMUM	0.19	Jun 2	0.14	Sep 21	0.01	Aug 9, 2002
MAXIMUM PEAK FLOW			423	Oct 13	5,600*	Jun 7, 2003
MAXIMUM PEAK STAGE			5.05	Oct 13	13.32	Jun 7, 2003
INSTANTANEOUS LOW FLOW			0.10*	Sep 21	0.00*	Jul 10, 2002
ANNUAL RUNOFF (CFSM)	1.04		0.697		0.975	
ANNUAL RUNOFF (INCHES)	14.19		9.47		13.24	
10 PERCENT EXCEEDS	12		9.8		13	
50 PERCENT EXCEEDS	2.1		2.3		2.0	
90 PERCENT EXCEEDS	0.39		0.53		0.33	

* See REMARKS.

e Estimated.



02146562 CAMPBELL CREEK NEAR CHARLOTTE, NC

LOCATION.--Lat 35°11'12", long 80°44'12", Mecklenburg County, Hydrologic Unit 03050103, on right bank upstream side culvert on Secondary Road 3150, 2.3 mi upstream from mouth, and 6.0 mi east of Charlotte.

DRAINAGE AREA.--5.6 mi².

PERIOD OF RECORD.--June 1999 to current year.

REVISED RECORDS.--WDR NC-04-1: 2000(M), 2002(M).

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 663.92 ft above North American Vertical Datum of 1988. Radio telemetry at station.

REMARKS.--No estimated daily discharges. Records fair. No flow also occurred Aug. 10-14, 2002. Maximum discharge for period of record from rating curve extended above 540 ft³/s based on culvert computation of peak flow.

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	1.4	1.7	4.2	1.9	1.9	12	9.3	6.8	18	42	1.5	0.27
2	1.1	2.5	2.2	1.9	1.6	6.2	9.9	2.5	57	9.4	0.72	0.25
3	2.3	4.3	2.1	2.0	29	4.7	5.2	2.1	4.3	1.3	0.54	0.22
4	1.3	26	2.0	2.0	6.5	4.2	4.2	2.1	1.6	0.79	0.48	0.22
5	1.9	4.4	2.0	2.6	2.9	3.8	3.7	2.1	0.91	0.65	0.44	0.22
6	0.88	2.2	7.1	2.5	2.1	3.4	3.4	2.6	0.73	0.60	0.43	0.22
7	0.86	2.0	4.1	2.0	2.0	3.5	7.1	2.0	1.8	36	0.42	0.24
8	0.85	1.8	2.4	2.0	2.0	41	5.8	1.8	0.75	5.7	2.7	0.34
9	0.87	1.7	5.1	1.9	2.0	7.6	4.0	1.8	0.60	1.1	18	0.24
10	0.86	1.7	38	2.0	1.9	5.0	3.2	22	2.8	0.70	6.1	0.22
11	0.86	1.7	5.9	2.0	1.7	4.0	2.8	8.8	1.0	11	0.81	0.22
12	0.96	15	3.2	2.0	1.7	3.5	32	26	0.55	2.5	0.51	0.24
13	44	3.7	2.8	2.0	1.7	3.3	47	8.0	0.56	2.1	0.49	0.26
14	3.2	1.9	2.5	63	16	5.2	33	2.8	0.55	0.95	0.46	0.27
15	2.3	1.7	2.4	4.9	4.6	3.4	7.3	1.9	0.49	0.71	0.43	0.27
16	1.5	1.7	2.4	2.4	2.4	35	4.7	1.7	0.44	0.59	0.37	1.3
17	1.4	1.7	2.7	1.8	1.9	30	3.8	1.6	0.42	0.49	0.59	0.30
18	1.3	1.7	2.4	1.5	1.7	8.9	3.4	1.5	0.41	0.48	2.6	0.26
19	1.4	1.7	2.5	1.4	1.6	5.6	3.0	1.4	0.40	0.46	0.48	0.22
20	1.3	1.8	2.3	1.4	3.4	4.6	2.8	17	0.43	0.84	0.45	0.16
21	1.3	1.8	2.4	1.4	16	4.0	2.7	1.2	0.45	0.92	0.43	0.17
22	1.3	1.8	2.3	1.3	4.9	19	6.8	0.75	0.42	4.3	0.31	0.18
23	1.3	8.2	15	1.4	2.4	34	3.9	0.70	0.37	0.90	17	0.19
24	2.0	15	3.5	1.3	26	8.8	2.6	0.84	0.35	0.47	1.0	0.21
25	1.4	8.4	2.4	1.4	5.2	5.6	2.4	0.56	0.33	0.40	0.42	0.20
26	1.4	2.6	2.2	1.4	3.1	4.6	2.3	1.2	2.7	0.38	0.36	0.23
27	1.4	11	2.1	1.5	6.1	6.9	2.4	1.4	1.1	0.38	0.32	0.31
28	2.0	13	2.0	1.2	62	59	2.3	0.45	14	6.3	0.32	0.31
29	1.7	3.0	2.2	3.1	---	10	2.3	0.44	0.96	36	0.31	3.4
30	1.6	2.4	2.1	15	---	5.9	8.4	3.1	0.98	17	1.8	0.35
31	1.7	---	2.0	3.0	---	24	---	0.64	---	7.3	0.62	---
TOTAL	87.64	148.1	136.5	135.2	214.3	376.7	231.7	127.78	115.40	192.71	61.41	11.49
MEAN	2.83	4.94	4.40	4.36	7.65	12.2	7.72	4.12	3.85	6.22	1.98	0.38
MAX	44	26	38	63	62	59	47	26	57	42	18	3.4
MIN	0.85	1.7	2.0	1.2	1.6	3.3	2.3	0.44	0.33	0.38	0.31	0.16
CFSM	0.50	0.88	0.79	0.78	1.37	2.17	1.38	0.74	0.69	1.11	0.35	0.07
IN.	0.58	0.98	0.91	0.90	1.42	2.50	1.54	0.85	0.77	1.28	0.41	0.08

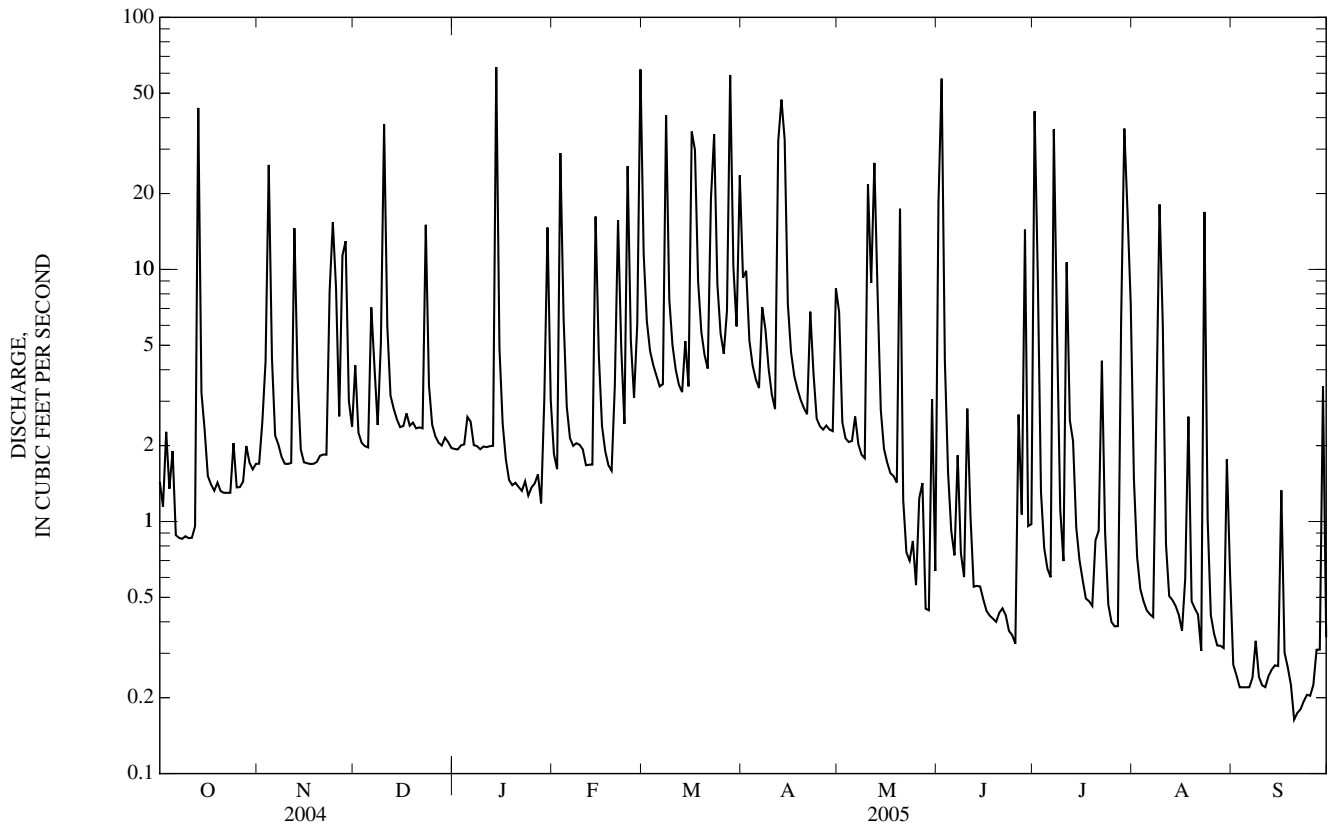
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2005, BY WATER YEAR (WY)

MEAN	4.01	3.28	4.64	5.01	6.87	10.1	7.21	5.43	7.30	6.82	4.38	7.15
MAX	10.5	5.92	12.9	9.34	9.89	21.1	20.4	17.6	29.2	14.0	7.37	20.6
(WY)	(2000)	(2003)	(2003)	(2002)	(2003)	(2003)	(2003)	(2003)	(2003)	(2004)	(2002)	(2004)
MIN	0.54	0.83	1.90	1.42	2.69	4.16	1.88	1.45	1.05	1.09	0.98	0.38
(WY)	(2001)	(2002)	(2001)	(2004)	(2002)	(2004)	(2002)	(2004)	(2002)	(2002)	(2001)	(2005)

02146562 CAMPBELL CREEK NEAR CHARLOTTE, NC—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1999 - 2005	
ANNUAL TOTAL	2,297.60		1,838.93		6.11	
ANNUAL MEAN	6.28		5.04		3.39	
HIGHEST ANNUAL MEAN					12.3	2003
LOWEST ANNUAL MEAN					3.39	2002
HIGHEST DAILY MEAN	221	Sep 28	63	Jan 14	439	Jun 7, 2003
LOWEST DAILY MEAN	0.32	Jun 12	0.16	Sep 20	0.00	Aug 8, 2002
ANNUAL SEVEN-DAY MINIMUM	0.42	Jun 1	0.19	Sep 19	0.00	Aug 8, 2002
MAXIMUM PEAK FLOW			282	Oct 13	3,870*	Jun 7, 2003
MAXIMUM PEAK STAGE			3.49	Oct 13	9.66	Jun 7, 2003
INSTANTANEOUS LOW FLOW			0.11	Sep 9	0.00*	Aug 8, 2002
ANNUAL RUNOFF (CFSM)	1.12		0.900		1.09	
ANNUAL RUNOFF (INCHES)	15.26		12.22		14.83	
10 PERCENT EXCEEDS	15		12		11	
50 PERCENT EXCEEDS	1.6		2.0		1.4	
90 PERCENT EXCEEDS	0.56		0.37		0.31	

* See REMARKS.



0214657975 IRVINS CREEK AT SECONDARY ROAD 3168 NEAR CHARLOTTE, NC

LOCATION.--Lat 35°09'31", long 80°42'48", Mecklenburg County, Hydrologic Unit 03050103, on right bank at downstream side of bridge on Secondary Road 3168, 4.0 mi southwest of Mint Hill.

DRAINAGE AREA.--8.37 mi².

PERIOD OF RECORD.--June 1999 to current year.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 612.56 ft above North American Vertical Datum of 1988. Radio telemetry at station.

REMARKS.--Records poor. Maximum discharge for current water year and period of record from rating curve extended above 500 ft³/s by step-backwater and culvert analysis. No flow also occurred Aug. 14-15, 2002.

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	4.5	1.8	3.6	2.5	3.1	12	14	8.4	13	4.2	2.1	0.67
2	3.9	1.9	3.0	2.6	2.9	6.9	13	4.7	139	3.5	1.4	0.40
3	4.7	2.5	2.9	2.3	25	5.4	9.2	4.1	13	2.1	1.2	0.41
4	3.8	15	2.7	2.4	8.2	4.8	7.5	3.7	6.1	1.9	1.0	0.35
5	3.2	5.2	2.6	2.2	4.6	4.4	6.9	3.8	4.6	1.8	0.90	0.33
6	2.8	3.0	4.5	2.7	3.8	4.2	6.3	4.2	25	1.7	0.91	0.34
7	2.6	2.8	4.7	2.5	4.5	3.8	6.7	3.8	13	9.0	0.94	0.40
8	2.4	2.5	e3.3	2.6	3.6	24	8.4	3.5	4.9	4.1	1.00	0.33
9	2.5	2.4	e4.7	2.5	3.3	7.3	7.2	3.3	3.8	2.0	1.7	0.28
10	2.3	2.3	e40	2.6	3.3	5.5	5.9	9.5	4.7	1.6	1.4	0.30
11	2.3	2.5	e8.0	2.7	3.0	4.9	5.7	8.1	4.0	1.5	1.0	0.28
12	2.3	6.9	e5.0	2.7	2.9	4.2	48	9.8	3.1	1.5	1.3	0.29
13	63	4.3	e4.0	2.8	2.8	4.1	78	9.1	3.3	1.7	1.0	0.27
14	6.4	2.6	3.1	55	9.9	3.8	77	4.9	3.0	1.7	1.0	0.26
15	4.0	2.4	2.9	6.1	5.9	3.6	13	3.9	2.8	1.3	1.2	0.29
16	2.4	2.3	2.8	4.0	3.9	29	9.4	3.4	2.2	1.2	0.85	0.66
17	1.9	2.3	2.7	3.4	3.6	31	7.7	3.2	2.1	1.2	0.70	1.3
18	1.9	2.2	3.0	3.1	3.2	9.5	6.8	3.1	1.9	1.0	2.8	0.70
19	2.0	2.2	2.6	3.0	3.0	6.3	7.4	2.8	1.8	1.6	1.2	0.45
20	1.9	2.3	2.4	3.0	3.2	5.4	5.8	12	1.9	1.9	0.91	0.41
21	2.0	2.2	2.4	3.0	10	4.4	5.4	4.6	1.8	1.1	0.72	0.38
22	2.0	2.2	2.4	2.8	6.2	9.8	5.3	3.3	1.8	0.97	0.68	0.36
23	1.9	6.5	5.5	2.8	4.0	23	5.6	3.0	1.7	1.0	1.6	0.34
24	2.0	8.1	3.4	2.5	20	8.0	5.2	2.8	1.7	0.76	1.4	0.32
25	1.9	6.2	2.8	2.7	6.7	5.7	4.5	2.7	1.6	0.70	0.71	0.18
26	1.8	3.2	2.5	2.8	4.5	4.9	4.4	2.6	4.4	0.69	0.59	0.21
27	1.9	4.5	2.3	2.7	4.5	5.1	4.7	2.4	3.1	0.62	0.54	0.35
28	2.0	15	2.2	2.4	103	112	4.4	2.5	14	3.0	0.62	0.38
29	2.0	4.2	2.2	2.8	---	15	4.1	2.3	4.0	16	0.75	0.32
30	2.0	3.3	2.4	6.9	---	9.9	6.3	3.9	2.4	4.1	1.0	1.2
31	1.9	---	2.6	4.1	---	24	---	3.2	---	5.8	1.1	---
TOTAL	142.2	124.8	139.2	146.2	262.6	401.9	393.8	142.6	289.7	81.24	34.22	12.76
MEAN	4.59	4.16	4.49	4.72	9.38	13.0	13.1	4.60	9.66	2.62	1.10	0.43
MAX	63	15	40	55	103	112	78	12	139	16	2.8	1.3
MIN	1.8	1.8	2.2	2.2	2.8	3.6	4.1	2.3	1.6	0.62	0.54	0.18
CFSM	0.55	0.50	0.54	0.56	1.12	1.55	1.57	0.55	1.15	0.31	0.13	0.05
IN.	0.63	0.55	0.62	0.65	1.17	1.79	1.75	0.63	1.29	0.36	0.15	0.06

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2005, BY WATER YEAR (WY)

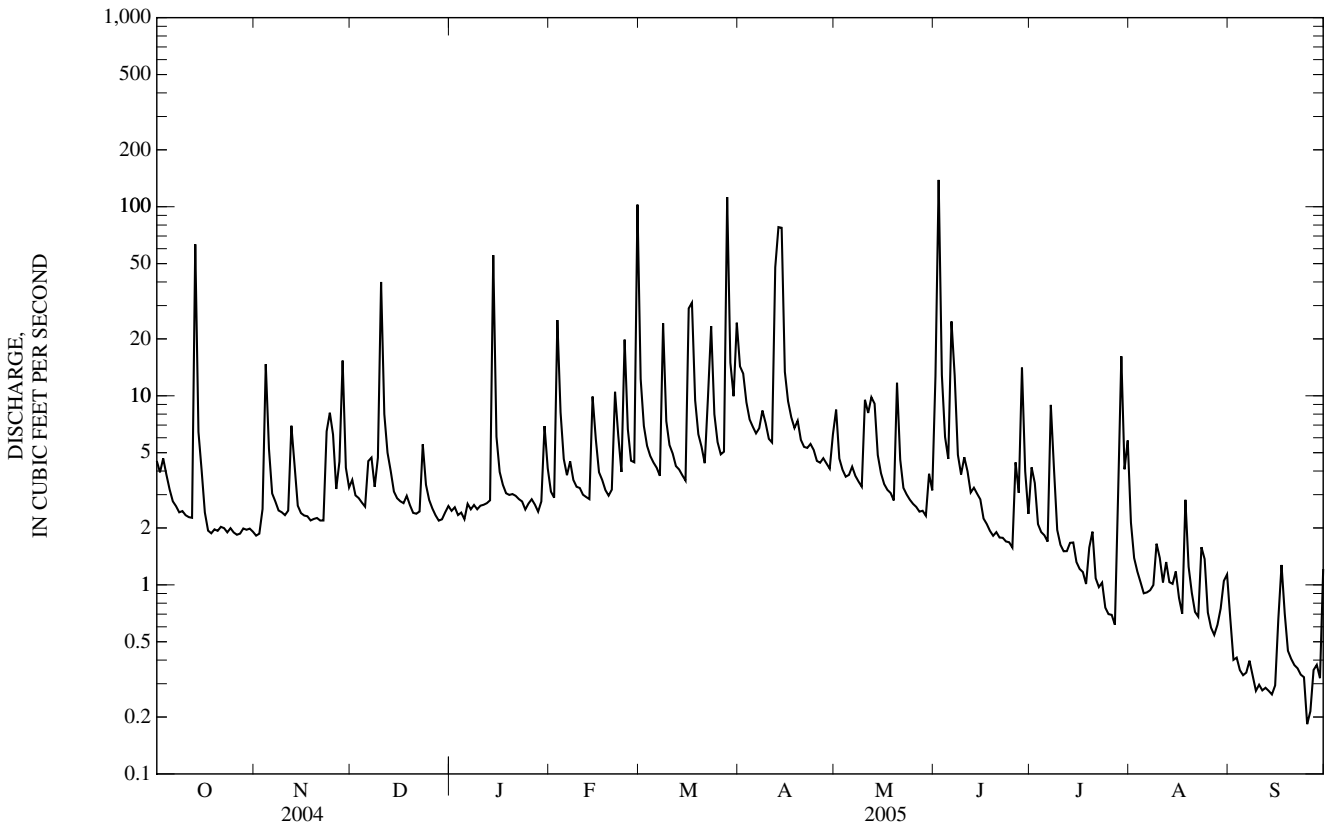
MEAN	3.90	2.79	4.45	4.66	8.45	12.3	11.5	7.45	10.7	4.88	3.43	7.65
MAX	10.1	7.71	15.2	7.87	13.6	32.1	42.7	33.0	56.2	17.7	10.3	39.0
(WY)	(2000)	(2003)	(2003)	(2000)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2004)
MIN	0.37	0.12	0.79	2.13	2.32	5.24	2.35	1.21	0.44	0.08	0.21	0.43
(WY)	(2002)	(2002)	(2002)	(2001)	(2002)	(2002)	(2002)	(2004)	(2002)	(2002)	(2001)	(2005)

0214657975 IRVINS CREEK AT SECONDARY ROAD 3168 NEAR CHARLOTTE, NC—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1999 - 2005	
ANNUAL TOTAL	2,797.57		2,171.22		7.08	
ANNUAL MEAN	7.64		5.95		2.16	
HIGHEST ANNUAL MEAN					20.1	2003
LOWEST ANNUAL MEAN					2.16	2002
HIGHEST DAILY MEAN	544	Sep 28	139	Jun 2	544	Sep 28, 2004
LOWEST DAILY MEAN	0.38	Jul 16	0.18	Sep 25	0.00	Aug 13, 2002
ANNUAL SEVEN-DAY MINIMUM	0.62	May 24	0.28	Sep 9	0.01	Aug 9, 2002
MAXIMUM PEAK FLOW			577*	Mar 28	2,670*	Jun 18, 2003
MAXIMUM PEAK STAGE			5.77	Mar 28	10.27	Jun 18, 2003
INSTANTANEOUS LOW FLOW			0.15	Sep 25	0.00*	Aug 13, 2002
ANNUAL RUNOFF (CFSM)	0.913		0.711		0.846	
ANNUAL RUNOFF (INCHES)	12.43		9.65		11.50	
10 PERCENT EXCEEDS	8.0		9.5		9.5	
50 PERCENT EXCEEDS	2.3		2.9		1.8	
90 PERCENT EXCEEDS	0.70		0.71		0.23	

* See REMARKS.

e Estimated.



02146600 MCALPINE CREEK AT SARDIS ROAD NEAR CHARLOTTE, NC

LOCATION.--Lat 35°08'16", long 80°46'03", Mecklenburg County, Hydrologic Unit 03050103, near left bank on downstream end of bridge pier at Sardis Road (Secondary Road 3356), 1.7 mi downstream of Irvins Creek, and 7 mi southeast of city hall, Charlotte.

DRAINAGE AREA.--39.6 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--April 1962 to current year.

REVISED RECORDS.--WDR NC-81-1: Drainage area. WDR NC-99-00-1B: Instantaneous low flow period of record.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 552.36 ft above North American Vertical Datum of 1988. Radio telemetry at station.

REMARKS.--No estimated daily discharges. Records fair. No flow for part of Nov. 15, 1972, result of upstream construction, and Aug. 14, 15, 2002.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Jan. 6, 1962, reached a stage of about 14.0 ft, from floodmarks; discharge, 4,150 ft³/s.

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

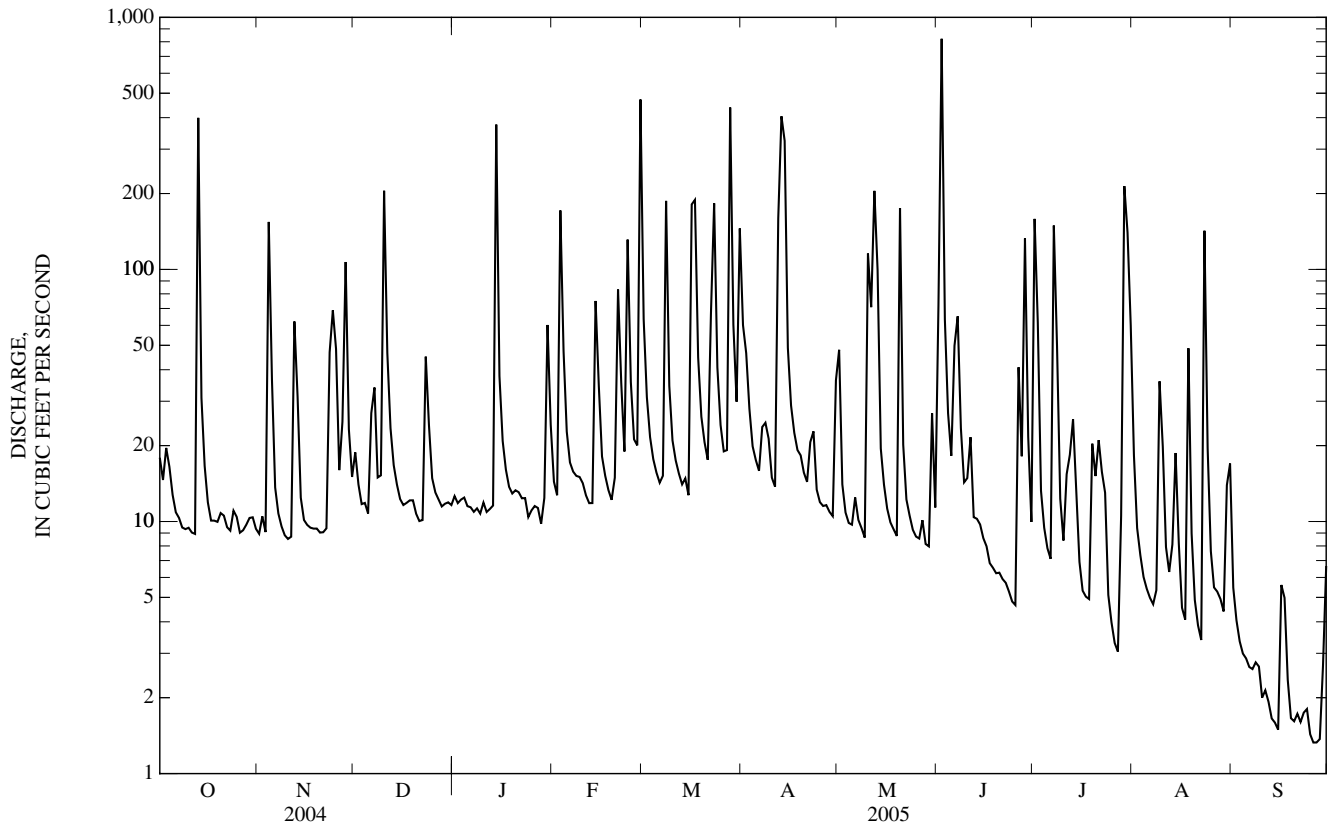
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	18	8.9	19	13	14	64	60	48	72	159	18	5.5
2	15	10	14	12	13	31	47	14	822	62	9.4	4.1
3	20	9.1	12	12	171	22	28	11	63	13	7.3	3.3
4	16	154	12	12	47	18	20	9.9	27	9.4	6.0	3.0
5	13	37	11	12	23	16	18	9.7	18	7.8	5.4	2.9
6	11	14	27	11	17	14	16	12	50	7.1	5.0	2.6
7	10	11	34	11	16	15	24	10	65	149	4.7	2.6
8	9.5	9.6	15	11	15	187	25	9.4	23	50	5.3	2.8
9	9.3	8.8	15	11	15	35	21	8.6	14	12	36	2.7
10	9.4	8.5	205	12	14	21	15	116	15	8.4	20	2.0
11	9.0	8.7	47	11	13	17	14	71	22	15	7.9	2.1
12	8.9	62	23	11	12	15	159	205	10	18	6.3	1.9
13	399	31	17	12	12	14	405	99	10	25	8.1	1.7
14	31	12	14	375	75	15	324	19	9.7	13	19	1.6
15	17	10	12	38	35	13	49	14	8.6	6.9	8.2	1.5
16	12	9.7	12	21	18	181	29	11	8.0	5.3	4.5	5.6
17	10	9.5	12	16	15	189	22	9.9	6.8	5.0	4.1	5.0
18	10	9.4	12	14	13	45	19	9.3	6.6	4.9	49	2.4
19	10	9.4	12	13	12	26	18	8.8	6.2	20	9.0	1.7
20	11	9.0	11	13	15	21	16	175	6.3	15	4.9	1.6
21	11	9.1	10	13	83	18	14	20	5.9	21	3.9	1.7
22	9.5	9.4	10	12	36	67	21	12	5.7	16	3.4	1.6
23	9.2	47	45	12	19	183	23	11	5.3	13	142	1.7
24	11	69	24	10	131	41	13	9.3	4.8	5.1	20	1.8
25	10	48	15	11	36	24	12	8.7	4.7	4.0	7.6	1.4
26	9.0	16	13	12	21	19	12	8.6	41	3.3	5.5	1.3
27	9.2	25	12	11	20	19	12	10	18	3.0	5.3	1.3
28	9.7	107	11	9.8	472	439	11	8.1	133	11	4.9	1.4
29	10	23	12	12	---	60	11	8.0	22	214	4.4	2.7
30	10	15	12	60	---	30	36	27	10	140	14	6.7
31	9.4	---	12	24	---	145	---	11	---	60	17	---
TOTAL	757.1	810.1	712	827.8	1,383	2,004	1,494	1,004.3	1,513.6	1,096.2	466.1	78.2
MEAN	24.4	27.0	23.0	26.7	49.4	64.6	49.8	32.4	50.5	35.4	15.0	2.61
MAX	399	154	205	375	472	439	405	205	822	214	142	6.7
MIN	8.9	8.5	10	9.8	12	13	11	8.0	4.7	3.0	3.4	1.3
CFSM	0.62	0.68	0.58	0.67	1.25	1.63	1.26	0.82	1.27	0.89	0.38	0.07
IN.	0.71	0.76	0.67	0.78	1.30	1.88	1.40	0.94	1.42	1.03	0.44	0.07

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1962 - 2005, BY WATER YEAR (WY)

MEAN	32.9	28.6	38.5	63.8	71.7	81.2	50.1	33.7	33.4	30.6	32.8	26.5
MAX	212	109	128	157	169	200	182	173	200	140	178	166
(WY)	(1991)	(1986)	(1984)	(1978)	(1979)	(1977)	(2003)	(1975)	(2003)	(1997)	(1994)	(2004)
MIN	3.16	3.11	7.55	6.58	16.9	13.6	7.45	7.65	3.60	4.04	3.42	1.46
(WY)	(1963)	(2002)	(1966)	(2004)	(1968)	(1985)	(1967)	(2004)	(1986)	(1977)	(1968)	(1968)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1962 - 2005	
ANNUAL TOTAL	15,065.7		12,146.4		43.6	
ANNUAL MEAN	41.2		33.3		18.9	
HIGHEST ANNUAL MEAN					90.5	2003
LOWEST ANNUAL MEAN					18.9	2001
HIGHEST DAILY MEAN	2,010	Sep 28	822	Jun 2	4,490	Aug 27, 1995
LOWEST DAILY MEAN	2.3	Jul 16	1.3	Sep 26	0.01	Aug 14, 2002
ANNUAL SEVEN-DAY MINIMUM	3.6	May 24	1.5	Sep 22	0.08	Aug 8, 2002
MAXIMUM PEAK FLOW			2,170	Jun 2	9,040	Aug 27, 1995
MAXIMUM PEAK STAGE			9.09	Jun 2	17.79	Aug 27, 1995
INSTANTANEOUS LOW FLOW			1.0	Sep 25	0.00*	Nov 15, 1972
ANNUAL RUNOFF (CFSM)	1.04		0.840		1.10	
ANNUAL RUNOFF (INCHES)	14.15		11.41		14.97	
10 PERCENT EXCEEDS	65		63		75	
50 PERCENT EXCEEDS	10		12		13	
90 PERCENT EXCEEDS	4.7		4.8		3.8	

* See REMARKS.



02146600 MCALPINE CREEK AT SARDIS ROAD NEAR CHARLOTTE, NC—Continued

PRECIPITATION RECORDS

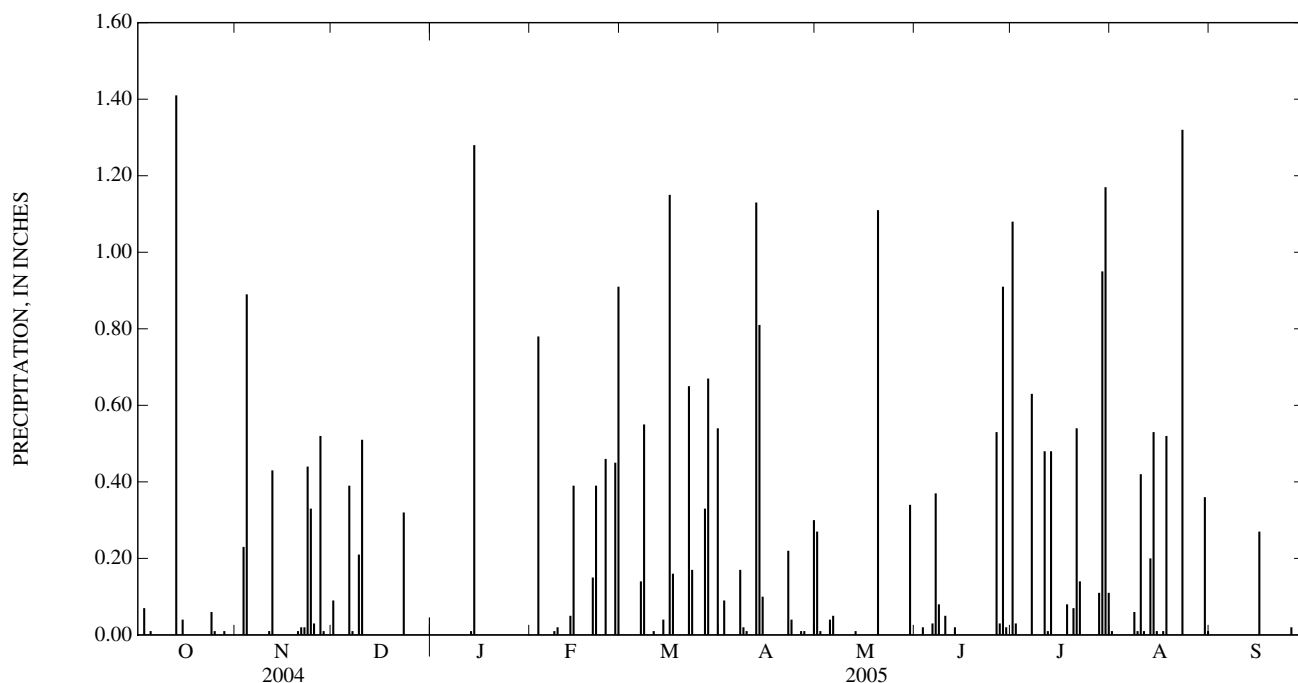
PERIOD OF RECORD.--November 1992 to current year. Records for period November 1992 to September 1998 published in USGS OFR 96-150, 98-67, and 99-273.

GAGE.--Tipping-bucket raingage and electronic datalogger. Radio telemetry at station.

REMARKS.--Gage is operated as part of Charlotte/Mecklenburg Rainfall Runoff Network. Collection of frozen precipitation during January 2005 is not reflected in daily or monthly totals.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.27	---	1.08	0.01	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.01	---	0.03	0.00	0.00
3	0.07	0.23	0.00	0.00	0.78	0.00	0.00	0.00	0.02	0.00	0.00	0.00
4	0.00	0.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00
6	0.00	0.00	0.39	0.00	0.00	0.00	0.00	0.05	0.03	0.00	0.00	0.00
7	0.00	0.00	0.01	0.00	0.00	0.14	0.17	0.00	0.37	0.63	0.00	0.00
8	0.00	0.00	0.00	0.00	0.01	0.55	0.02	0.00	0.08	0.00	0.06	0.00
9	0.00	0.00	0.21	0.00	0.02	0.00	0.01	---	0.00	0.00	0.01	0.00
10	0.00	0.00	0.51	0.00	0.00	0.00	0.00	---	0.05	0.00	0.42	0.00
11	0.00	0.01	0.00	0.00	0.00	0.01	0.00	---	0.00	0.48	0.01	0.00
12	0.00	0.43	0.00	0.00	0.00	0.00	1.13	---	0.00	0.01	0.00	0.00
13	1.41	0.00	0.00	0.01	0.05	0.00	0.81	0.01	0.02	0.48	0.20	0.00
14	0.00	0.00	0.00	1.28	0.39	0.04	0.10	0.00	0.00	0.00	0.53	0.00
15	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
16	0.00	0.00	0.00	0.00	0.00	1.15	0.00	0.00	0.00	0.00	0.00	0.27
17	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.01	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.52	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.01	0.00	0.00	0.15	0.00	0.00	1.11	0.00	0.07	0.00	0.00
21	0.00	0.02	0.00	0.00	0.39	0.00	0.00	0.00	0.00	0.54	0.00	0.00
22	0.00	0.02	0.00	0.00	0.00	0.65	0.22	0.00	0.00	0.14	0.00	0.00
23	0.00	0.44	0.32	0.00	0.00	0.17	0.04	0.00	0.00	0.00	1.32	0.00
24	0.06	0.33	0.00	0.00	0.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.01	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.53	0.00	0.00	0.02
27	0.00	0.52	0.00	0.00	0.45	0.33	0.01	0.00	0.03	0.00	0.00	0.00
28	0.01	0.01	0.00	0.00	0.91	0.67	0.00	0.00	0.91	0.11	0.00	0.00
29	0.00	0.00	0.00	---	---	0.00	0.00	0.00	0.02	0.95	0.00	0.12
30	0.00	0.00	0.00	---	---	0.00	0.30	0.34	0.00	1.17	0.36	0.00
31	0.00	---	0.00	0.00	---	0.54	---	0.00	---	0.11	0.01	---
TOTAL	1.61	2.94	1.53	---	3.61	4.41	2.91	---	---	5.88	3.47	0.41



02146670 FOUR MILE CREEK NEAR PINEVILLE, NC

LOCATION.--Lat 35°04'37", long 80°49'21", Mecklenburg County, Hydrologic Unit 03050103, on left bank on downstream side of bridge at Elm Lane W. (Secondary Road 3649), 0.5 mi south of State Highway 51, 1.25 mi upstream of McAlpine Creek, and 4.5 mi east of U.S. Highway 521 at Pineville.

DRAINAGE AREA.--17.8 mi².

PERIOD OF RECORD.-- July 1997 to September 2003 (daily discharges), October 2003 to current year.

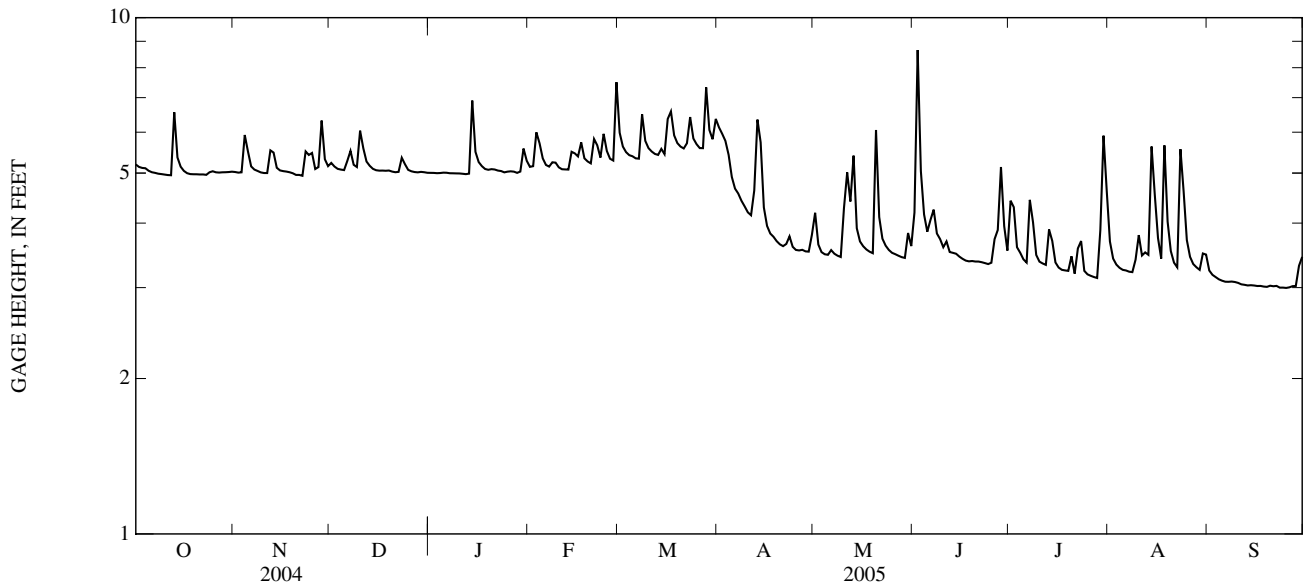
GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 528.69 ft above North American Vertical Datum of 1988 (City of Charlotte bench mark). Radio telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 11.80 ft, June 2, 2005; minimum gage height, 2.74 ft, July 18, 19, 2001.

EXTREMES FOR CURRENT WATER YEAR.--Maximum gage height, 11.80 ft, June 2; minimum gage height, 2.98 ft, Sept. 25.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.19	5.02	5.23	5.00	5.14	5.99	6.13	4.19	4.19	4.42	3.68	3.24
2	5.14	5.01	5.15	5.00	5.16	5.63	5.96	3.64	8.65	4.29	3.41	3.18
3	5.12	5.02	5.10	5.00	6.00	5.49	5.77	3.51	5.04	3.59	3.32	3.14
4	5.11	5.93	5.08	5.00	5.71	5.42	5.42	3.48	4.16	3.50	3.28	3.11
5	5.05	5.51	5.07	5.01	5.34	5.39	4.91	3.47	3.85	3.40	3.25	3.09
6	5.02	5.15	5.28	5.01	5.18	5.34	4.67	3.55	4.06	3.35	3.24	3.08
7	5.00	5.08	5.52	5.00	5.15	5.33	4.56	3.49	4.25	4.44	3.22	3.08
8	4.99	5.05	5.19	5.00	5.25	6.50	4.42	3.46	3.82	4.01	3.21	3.08
9	4.98	5.02	5.14	4.99	5.24	5.77	4.31	3.44	3.73	3.47	3.40	3.08
10	4.97	5.00	6.04	4.99	5.13	5.59	4.20	4.28	3.59	3.37	3.79	3.06
11	4.96	5.00	5.58	4.98	5.09	5.50	4.14	5.01	3.69	3.34	3.46	3.04
12	4.95	5.53	5.26	4.98	5.08	5.45	4.63	4.41	3.52	3.32	3.51	3.04
13	6.56	5.48	5.16	4.99	5.08	5.42	6.35	5.40	3.50	3.89	3.47	3.03
14	5.36	5.12	5.10	6.91	5.50	5.57	5.73	3.91	3.49	3.69	5.63	3.03
15	5.14	5.06	5.06	5.50	5.46	5.44	4.29	3.69	3.45	3.36	4.54	3.03
16	5.05	5.04	5.05	5.25	5.38	6.36	3.95	3.61	3.41	3.28	3.74	3.02
17	5.00	5.03	5.06	5.16	5.73	6.58	3.82	3.56	3.38	3.25	3.42	3.02
18	4.98	5.02	5.05	5.09	5.34	5.92	3.76	3.52	3.37	3.24	5.66	3.01
19	4.97	5.00	5.06	5.07	5.27	5.72	3.69	3.50	3.38	3.23	4.03	3.01
20	4.97	4.96	5.03	5.09	5.22	5.63	3.64	6.06	3.37	3.45	3.53	3.03
21	4.97	4.96	5.02	5.08	5.82	5.58	3.61	4.11	3.37	3.19	3.35	3.02
22	4.97	4.94	5.03	5.06	5.66	5.71	3.64	3.73	3.36	3.57	3.28	3.02
23	4.96	5.51	5.35	5.05	5.36	6.42	3.77	3.62	3.35	3.69	5.56	3.00
24	5.02	5.42	5.20	5.02	5.96	5.83	3.60	3.55	3.33	3.23	4.60	3.00
25	5.04	5.47	5.07	5.03	5.52	5.69	3.55	3.50	3.35	3.18	3.71	3.00
26	5.02	5.09	5.04	5.04	5.33	5.59	3.54	3.48	3.72	3.16	3.44	3.00
27	5.01	5.14	5.02	5.03	5.29	5.59	3.55	3.46	3.88	3.14	3.33	3.02
28	5.02	6.32	5.02	5.00	7.50	7.33	3.53	3.44	5.14	3.13	3.28	3.02
29	5.02	5.32	5.03	5.03	---	6.06	3.52	3.42	3.95	3.88	3.25	3.31
30	5.02	5.16	5.02	5.58	---	5.81	3.80	3.83	3.54	5.91	3.49	3.44
31	5.03	---	5.01	5.28	---	6.37	---	3.61	---	4.62	3.48	---
MEAN	5.08	5.21	5.16	5.14	5.46	5.81	4.35	3.84	3.90	3.63	3.73	3.07
MAX	6.56	6.32	6.04	6.91	7.50	7.33	6.35	6.06	8.65	5.91	5.66	3.44
MIN	4.95	4.94	5.01	4.98	5.08	5.33	3.52	3.42	3.33	3.13	3.21	3.00



02146700 MCMULLEN CREEK AT SHARON VIEW ROAD NEAR CHARLOTTE, NC

LOCATION.--Lat 35°08'27", long 80°49'12", Mecklenburg County, Hydrologic Unit 03050103, on left bank downstream of culvert wingwall at Sharon View Road (Secondary Road 3673), 3.3 mi south of Queens College, Charlotte, and 6.9 mi upstream from mouth.

DRAINAGE AREA.--6.95 mi².

PERIOD OF RECORD.--April 1962 to current year.

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

GAGE.--Water-stage recorder, crest-stage gage, and concrete control. Datum of gage is 592.31 ft above North American Vertical of 1988. Prior to Oct. 13, 1970, at site 73 ft upstream at same datum. Oct. 13, 1970, to Dec. 30, 1971, at site 154 ft downstream at 590.91 ft above NGVD of 1929. Radio telemetry at station.

REMARKS.--Records good except those for estimated daily discharges, which are poor. Maximum discharge for period of record from rating curve extended above 2,650 ft³/s on basis of computation of peak flow through culvert. No flow occurred periodically from 1962 to 1973.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Jan. 6, 1962, reached a stage of 7.5 ft, former site and datum, from floodmarks; discharge, 1,040 ft³/s.

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	2.0	1.3	3.5	1.4	2.0	6.6	6.7	7.6	25	191	5.0	e2.0
2	2.0	1.7	1.9	1.4	3.0	4.0	6.8	2.1	88	7.8	3.8	e1.7
3	4.3	2.3	1.5	1.5	38	3.5	3.6	1.9	5.6	3.3	3.4	e1.4
4	2.2	38	1.4	1.6	4.8	3.0	3.1	1.8	3.4	2.6	3.1	e1.0
5	1.7	3.0	1.4	1.6	3.1	2.7	2.9	1.7	2.9	e1.6	2.9	e1.0
6	1.7	1.5	8.7	1.8	2.6	2.5	2.7	2.2	2.5	e1.5	2.6	e1.0
7	1.6	1.4	3.5	1.4	2.3	2.6	5.7	1.7	48	e90	e2.0	e0.90
8	1.5	1.2	1.9	1.4	2.0	32	6.6	1.6	5.7	5.1	e2.0	e0.90
9	1.5	1.2	4.6	1.4	2.2	3.7	3.4	1.7	3.3	2.8	43	e0.80
10	1.4	1.4	43	1.5	2.1	2.9	3.0	162	2.9	e1.7	9.8	e0.80
11	1.3	1.1	4.6	1.4	1.9	2.8	2.5	10	2.6	e10	3.5	e0.70
12	1.3	18	2.5	1.5	1.8	2.6	68	84	2.3	3.5	2.8	e0.70
13	59	2.8	2.2	1.9	2.0	2.4	56	11	2.3	e15	2.5	e0.60
14	2.4	1.4	1.8	105	17	2.5	43	3.9	2.3	3.3	20	e0.60
15	2.1	1.3	1.7	4.0	3.6	2.2	6.0	2.9	2.1	e1.5	3.4	e0.50
16	1.5	1.3	1.6	2.7	2.8	38	3.7	2.6	2.0	e1.2	e2.0	e0.60
17	1.4	1.3	1.6	2.4	2.2	25	3.1	2.4	1.8	e1.1	e1.5	e1.2
18	2.9	1.3	1.6	2.3	1.9	5.7	3.1	2.3	1.8	e1.5	9.0	e0.80
19	1.8	2.8	1.6	2.0	1.8	3.9	3.2	2.2	1.8	e2.5	3.0	e0.70
20	1.6	1.3	1.6	2.0	3.8	3.3	2.5	42	1.6	e7.0	2.6	e0.60
21	1.3	1.3	1.8	2.0	19	3.0	2.5	3.6	1.4	25	e1.0	e0.60
22	1.3	1.3	1.7	1.8	4.0	29	7.4	2.9	1.4	17	e0.80	e0.60
23	1.2	e8.0	15	1.8	2.6	29	3.7	2.7	1.4	4.0	e150	e0.60
24	1.6	e6.4	2.5	1.6	27	5.3	2.2	2.3	1.4	2.7	5.9	e0.60
25	1.4	6.1	1.7	1.7	4.1	3.6	2.2	2.8	1.4	e2.0	e3.9	e0.50
26	1.1	2.0	1.6	1.8	2.7	3.0	2.2	2.0	15	e1.0	e3.5	e0.50
27	1.2	19	1.4	1.8	6.9	5.8	2.1	1.9	3.4	e0.80	e3.0	e0.50
28	1.2	12	1.4	1.6	85	103	2.1	1.9	31	e2.0	e2.6	e0.40
29	1.3	2.3	1.5	3.1	---	6.7	2.0	1.8	2.9	85	e2.4	e1.2
30	1.2	1.9	1.4	12	---	4.6	9.6	6.9	2.2	94	e2.6	e2.4
31	1.2	---	1.4	2.7	---	32	---	2.3	---	14	e2.8	---
TOTAL	109.2	145.9	123.6	172.1	252.2	376.9	271.6	378.7	269.4	601.50	306.40	26.40
MEAN	3.52	4.86	3.99	5.55	9.01	12.2	9.05	12.2	8.98	19.4	9.88	0.88
MAX	59	38	43	105	85	103	68	162	88	191	150	2.4
MIN	1.1	1.1	1.4	1.4	1.8	2.2	2.0	1.6	1.4	0.80	0.80	0.40
CFSM	0.51	0.70	0.57	0.80	1.30	1.75	1.30	1.76	1.29	2.79	1.42	0.13
IN.	0.58	0.78	0.66	0.92	1.35	2.02	1.45	2.03	1.44	3.22	1.64	0.14

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1962 - 2005, BY WATER YEAR (WY)

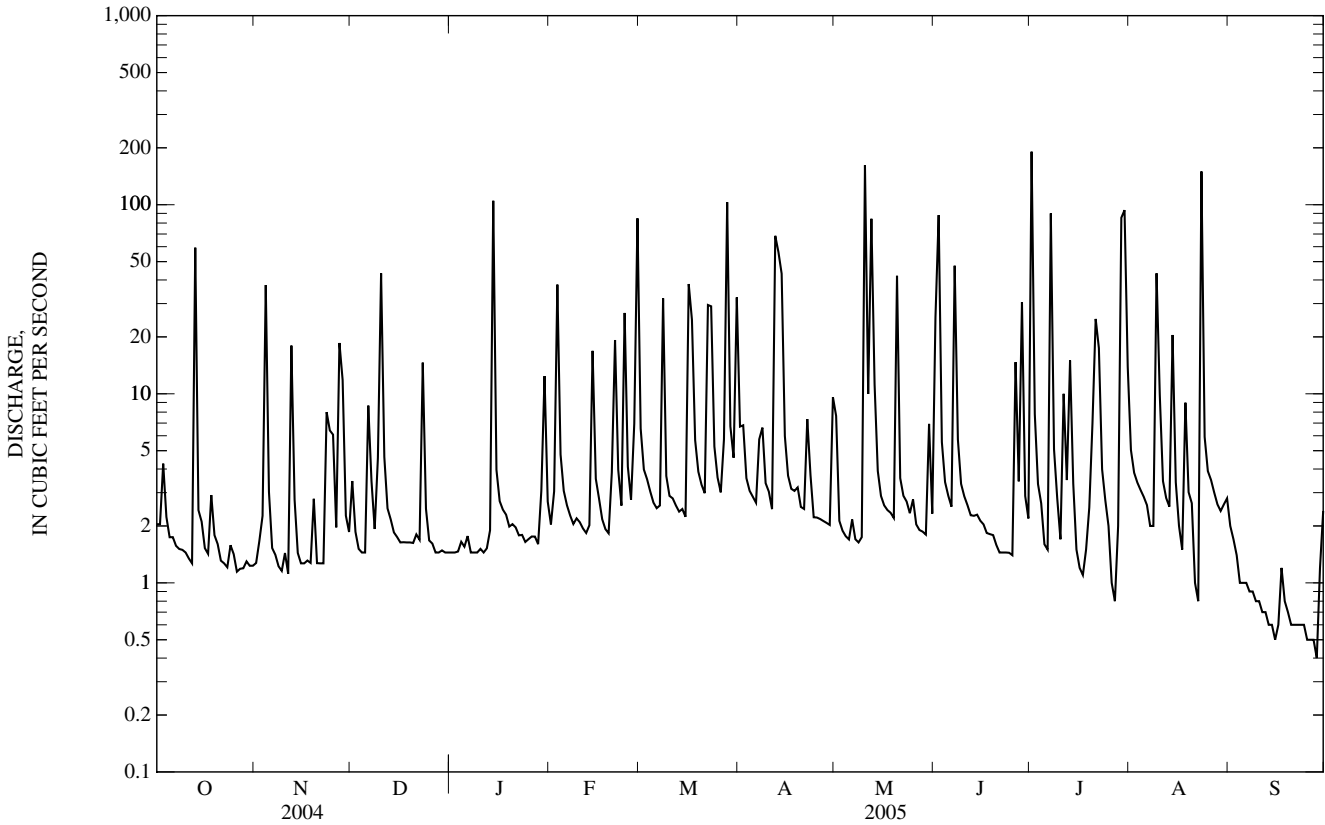
MEAN	6.04	5.61	7.51	12.0	12.9	14.8	8.13	7.04	7.28	6.85	6.08	5.89
MAX	30.4	21.3	24.3	33.5	28.1	38.8	31.9	38.2	37.5	27.7	32.1	25.6
(WY)	(1991)	(1986)	(1977)	(1978)	(1979)	(1977)	(2003)	(2003)	(2003)	(1997)	(1995)	(2004)
MIN	0.21	0.54	0.86	1.02	1.77	1.74	1.13	1.08	0.75	0.61	0.24	0.08
(WY)	(1964)	(1970)	(1966)	(1981)	(1968)	(1985)	(1981)	(1962)	(1966)	(1963)	(1968)	(1970)

02146700 MCMULLEN CREEK AT SHARON VIEW ROAD NEAR CHARLOTTE, NC—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1962 - 2005	
ANNUAL TOTAL	2,569.95		3,033.90		8.34	
ANNUAL MEAN	7.02		8.31		17.4	
HIGHEST ANNUAL MEAN					3.19	
LOWEST ANNUAL MEAN					1970	
HIGHEST DAILY MEAN	219	Sep 7	191	Jul 1	868	Aug 27, 1995
LOWEST DAILY MEAN	0.53	Aug 10	0.40	Sep 28	0.00	Aug 31, 1962
ANNUAL SEVEN-DAY MINIMUM	0.68	Aug 4	0.53	Sep 22	0.01	Sep 19, 1968
MAXIMUM PEAK FLOW			2,320	Jul 1	3,470*	Aug 27, 1995
MAXIMUM PEAK STAGE			9.42	Jul 1	11.03	Aug 27, 1995
INSTANTANEOUS LOW FLOW			NOT DETERMINED		0.00*	Aug 31, 1962
ANNUAL RUNOFF (CFSM)	1.01		1.20		1.20	
ANNUAL RUNOFF (INCHES)	13.76		16.24		16.30	
10 PERCENT EXCEEDS	15		17		15	
50 PERCENT EXCEEDS	1.6		2.3		1.6	
90 PERCENT EXCEEDS	0.87		1.2		0.34	

* See REMARKS.

e Estimated.



02146750 MCALPINE CREEK BELOW MCMULLEN CREEK NEAR PINEVILLE, NC

LOCATION.--Lat 35°04'00", long 80°52'12", Mecklenburg County, Hydrologic Unit, 03050103, on right bank at McAlpine Creek Wastewater Treatment Plant of Charlotte, 150 ft downstream of McMullen Creek, 735 ft upstream from effluent outfall, and 2.1 mi south of Pineville.

DRAINAGE AREA.--92.4 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--April 1974 to current year.

GAGE.--Water-stage recorder, crest-stage gage, and concrete control. Datum of gage is 515.51 above North American Vertical Datum of 1988. Prior to Oct. 1, 1977, present site at 516.51 ft above North American Vertical Datum of 1988. Radio telemetry at station.

REMARKS.--No estimated daily discharges. Records fair. Records for periods of heavy overbank flow may be affected by variable backwater not adequately defined. Maximum stage for period of record from high-water mark in gage house. Maximum discharge for period of record from rating curve extended above 11,600 ft³/s.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage known since at least 1964, about 12.9 ft. (former datum), Apr. 1, 1973, from information by wastewater treatment plant operator.

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	46	19	40	21	36	342	295	107	75	392	62	17
2	37	19	36	21	33	86	109	38	1,870	633	25	11
3	32	20	27	21	321	58	73	28	868	47	18	9.5
4	39	212	26	23	219	48	50	25	86	27	14	8.2
5	27	175	24	23	57	43	44	24	45	21	13	8.1
6	24	35	49	24	42	39	40	28	34	18	12	7.8
7	24	25	105	24	36	36	50	26	123	352	11	7.6
8	21	22	39	23	36	438	52	23	90	396	11	7.6
9	21	19	33	23	35	119	52	22	42	34	86	7.5
10	20	18	419	23	33	55	36	150	27	22	65	7.6
11	19	18	166	23	29	46	33	742	35	23	40	7.3
12	18	68	55	23	28	42	79	83	21	48	37	7.0
13	860	124	38	22	27	38	1,220	844	21	63	34	6.6
14	172	32	32	1,050	100	43	935	77	20	76	407	6.3
15	44	24	28	197	125	38	156	43	18	20	500	6.1
16	30	22	26	58	45	238	72	34	15	15	35	8.2
17	23	21	25	44	64	664	53	29	15	13	21	16
18	22	20	26	35	38	135	47	26	12	12	400	8.5
19	24	21	26	32	33	72	42	24	12	14	124	7.6
20	22	20	24	32	34	53	37	764	12	29	28	7.1
21	22	20	22	32	166	47	34	141	12	22	19	6.9
22	21	20	22	32	142	61	38	43	11	44	15	6.8
23	20	103	76	32	50	426	65	33	10	44	526	6.6
24	22	96	59	28	289	125	34	28	9.8	14	684	6.4
25	24	163	30	27	107	65	30	25	9.3	9.7	49	6.2
26	20	41	25	26	53	50	28	23	23	8.2	25	5.9
27	19	35	24	26	44	47	28	23	77	7.5	19	5.5
28	19	311	22	24	1,120	1,080	27	22	136	8.1	16	5.1
29	20	64	22	27	---	315	26	20	126	247	14	6.6
30	21	37	22	121	---	83	55	52	25	385	18	29
31	20	---	22	69	---	206	---	45	---	393	46	---
TOTAL	1,753	1,824	1,590	2,186	3,342	5,138	3,840	3,592	3,880.1	3,437.5	3,374	257.6
MEAN	56.5	60.8	51.3	70.5	119	166	128	116	129	111	109	8.59
MAX	860	311	419	1,050	1,120	1,080	1,220	844	1,870	633	684	29
MIN	18	18	22	21	27	36	26	20	9.3	7.5	11	5.1
CFSM	0.61	0.66	0.56	0.76	1.29	1.79	1.39	1.25	1.40	1.20	1.18	0.09
IN.	0.71	0.73	0.64	0.88	1.35	2.07	1.55	1.45	1.56	1.38	1.36	0.10

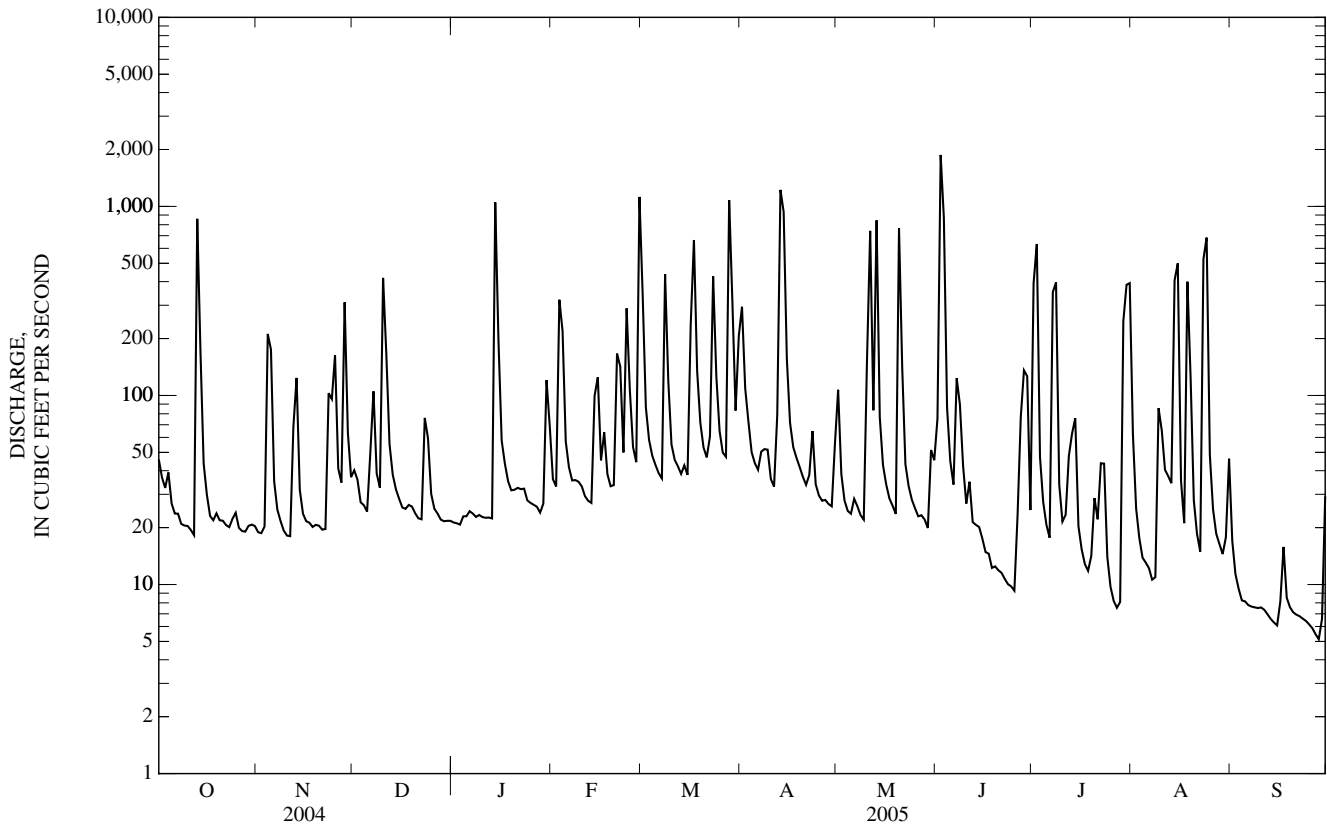
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1974 - 2005, BY WATER YEAR (WY)

MEAN	96.0	99.0	121	211	205	240	131	99.0	87.0	93.8	103	89.5
MAX	540	414	497	550	506	544	439	428	466	400	597	510
(WY)	(1991)	(1986)	(1984)	(1978)	(1984)	(1980)	(2003)	(2003)	(2003)	(1997)	(1994)	(1987)
MIN	6.82	8.44	24.0	18.6	39.0	35.8	21.9	13.8	7.43	7.07	7.95	5.03
(WY)	(1979)	(2002)	(1981)	(1981)	(1978)	(1981)	(1981)	(2004)	(1986)	(1977)	(2001)	(1983)

02146750 MCALPINE CREEK BELOW MCMULLEN CREEK NEAR PINEVILLE, NC—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1974 - 2005	
ANNUAL TOTAL	34,068.2		34,214.2		132	
ANNUAL MEAN	93.1		93.7		236	
HIGHEST ANNUAL MEAN					51.4	
LOWEST ANNUAL MEAN					2001	
HIGHEST DAILY MEAN	3,530	Sep 8	1,870	Jun 2	7,740	Aug 27, 1995
LOWEST DAILY MEAN	4.9	May 29	5.1	Sep 28	0.46	Sep 30, 1983
ANNUAL SEVEN-DAY MINIMUM	5.9	May 24	6.0	Sep 23	0.76	Sep 28, 1983
MAXIMUM PEAK FLOW			3,330	Jun 2	12,500*	Aug 27, 1995
MAXIMUM PEAK STAGE			10.46	Jun 2	19.40*	Aug 27, 1995
INSTANTANEOUS LOW FLOW			4.7	Sep 29	0.45	Sep 30, 1983
ANNUAL RUNOFF (CFSM)	1.01		1.01		1.42	
ANNUAL RUNOFF (INCHES)	13.72		13.77		19.34	
10 PERCENT EXCEEDS	176		208		265	
50 PERCENT EXCEEDS	23		32		32	
90 PERCENT EXCEEDS	10		11		8.6	

* See REMARKS.



02146750 MCALPINE CREEK BELOW MCMULLEN CREEK NEAR PINEVILLE, NC—Continued

PRECIPITATION RECORDS

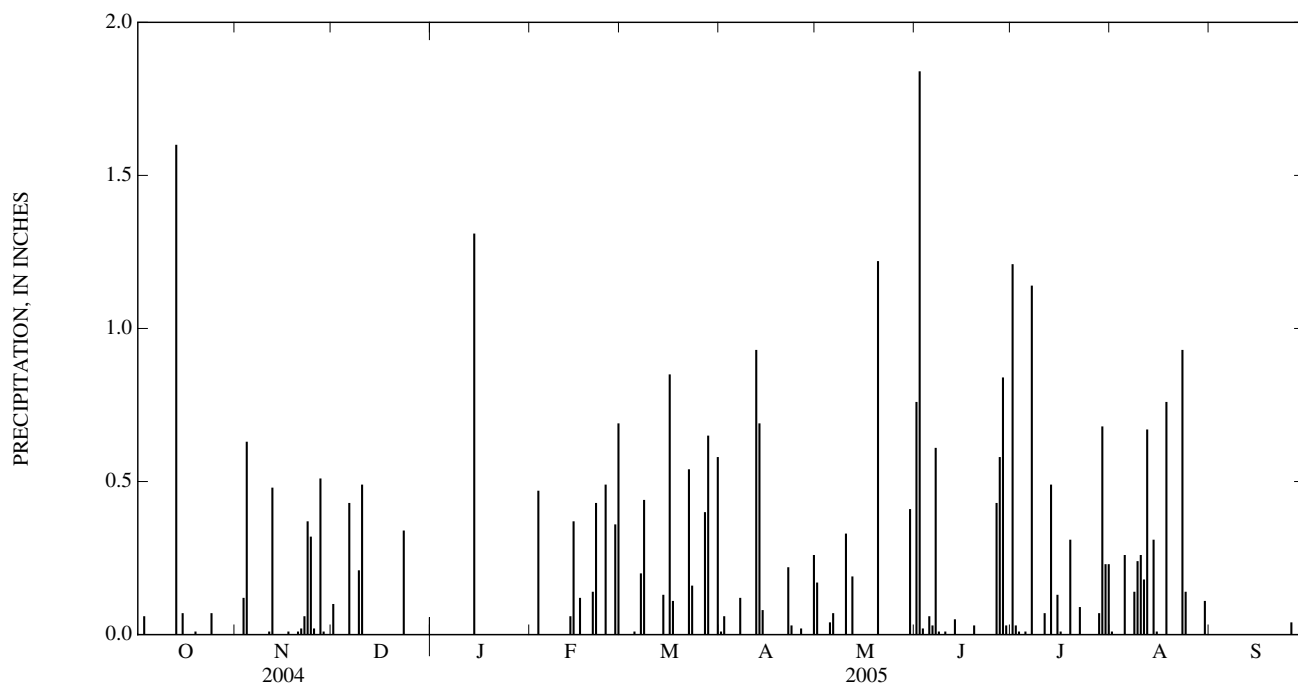
PERIOD OF RECORD.--May 1993 to current year. Records for period May 1993 to September 1998 published in USGS OFR 96-150, 98-67, and 99-273.

GAGE.--Tipping-bucket raingage and electronic datalogger. Radio telemetry at station.

REMARKS.--Gage is operated as part of Charlotte/Mecklenburg Rainfall Runoff Network. Collection of frozen precipitation during January 2005 is not reflected in daily or monthly totals.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.10	0.00	0.00	0.00	0.01	0.17	0.76	1.21	0.01	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	1.84	0.03	0.00	0.00
3	0.06	0.12	0.00	0.00	0.47	0.00	0.00	0.00	0.02	0.01	0.00	0.00
4	0.00	0.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.04	0.06	0.01	0.26	0.00
6	0.00	0.00	0.43	0.00	0.00	0.00	0.00	0.07	0.03	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.20	0.12	0.00	0.61	1.14	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.44	0.00	0.00	0.01	0.00	0.14	0.00
9	0.00	0.00	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.00
10	0.00	0.00	0.49	0.00	0.00	0.00	0.00	0.33	0.01	0.00	0.26	0.00
11	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.18	0.00
12	0.00	0.48	0.00	0.00	0.00	0.00	0.93	0.19	0.00	0.00	0.67	0.00
13	1.60	0.00	0.00	0.00	0.06	0.00	0.69	0.00	0.05	0.49	0.00	0.00
14	0.00	0.00	0.00	1.31	0.37	0.13	0.08	0.00	0.00	0.00	0.31	0.00
15	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.01	0.00
16	0.00	0.00	0.00	0.00	0.12	0.85	0.00	0.00	0.00	0.01	0.00	0.00
17	0.00	0.01	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.76	0.00
19	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.31	0.00	0.00
20	0.00	0.01	0.00	0.00	0.14	0.00	0.00	1.22	0.00	0.00	0.00	0.00
21	0.00	0.02	0.00	0.00	0.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.06	0.00	0.00	0.00	0.54	0.22	0.00	0.00	0.09	0.00	0.00
23	0.00	0.37	0.34	0.00	0.00	0.16	0.03	0.00	0.00	0.00	0.93	0.00
24	0.07	0.32	0.00	0.00	0.49	0.00	0.00	0.00	0.00	0.00	0.14	0.00
25	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.43	0.00	0.00	0.04
27	0.00	0.51	0.00	0.00	0.36	0.40	0.00	0.00	0.58	0.00	0.00	0.00
28	0.00	0.01	0.00	---	0.69	0.65	0.00	0.00	0.84	0.07	0.00	0.00
29	0.00	0.00	0.00	---	---	0.00	0.00	0.00	0.03	0.68	0.00	0.18
30	0.00	0.00	0.00	---	---	0.00	0.26	0.41	0.00	0.23	0.11	0.00
31	0.00	---	0.00	---	---	0.58	---	0.00	---	0.23	0.00	---
TOTAL	1.81	2.57	1.57	---	3.13	4.07	2.42	2.43	5.30	4.71	4.02	0.22



0214678175 STEELE CREEK AT SECONDARY ROAD 1441 NEAR PINEVILLE, NC

LOCATION.--Lat 35°06'18", long 80°57'13", Mecklenburg County, Hydrologic Unit 03050103, on right bank on upstream side of culvert on Secondary Road 1441 (Carowinds Blvd.), and 4.5 mi west of Pineville.

DRAINAGE AREA.--6.73 mi².

PERIOD OF RECORD.-- May 1998 to current year.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 562.23 ft above NGVD of 1929, from levels. Radio telemetry at station.

REMARKS.--No estimated daily discharges. Records fair. Minimum discharge for current water year also occurred Sept. 19. Minimum discharge for period of record also occurred Aug. 17, 19, 20, 22, 23, 27, 28, 30, 2001.

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	0.86	0.53	2.5	1.2	2.0	10	11	7.3	19	1.3	3.6	0.21
2	0.70	0.64	1.5	1.2	1.5	5.3	8.3	1.8	56	1.4	1.6	0.20
3	0.58	1.4	1.2	1.2	30	3.6	4.9	1.3	5.0	1.2	1.1	0.22
4	0.63	16	0.96	1.2	7.5	2.9	3.5	1.1	2.3	0.93	1.1	0.23
5	0.52	2.2	0.91	1.2	3.6	2.5	3.2	1.1	1.5	0.62	1.8	0.24
6	0.43	0.75	8.4	1.2	2.5	2.0	2.8	1.7	2.6	0.57	1.1	0.85
7	0.38	0.57	5.2	1.2	2.0	2.0	3.8	1.1	1.7	39	0.72	0.30
8	0.35	0.43	2.0	1.2	1.8	27	3.8	0.99	3.4	4.8	15	0.30
9	0.30	0.52	4.6	1.1	1.8	5.4	2.7	0.88	1.7	1.2	78	0.32
10	0.26	2.4	100	1.1	1.8	3.5	2.1	13	0.90	0.93	7.0	0.29
11	0.27	0.66	8.5	1.2	1.5	2.9	2.0	5.1	0.86	1.6	5.1	0.24
12	0.31	9.7	4.3	1.2	1.3	2.4	58	7.9	0.63	1.7	4.2	0.29
13	18	2.4	2.9	1.2	1.4	2.2	38	6.2	0.63	1.5	2.0	0.23
14	1.1	0.75	2.1	69	8.8	2.2	37	1.7	0.62	1.0	1.0	0.22
15	0.53	0.50	1.7	5.7	3.5	10	7.4	1.2	0.54	0.66	0.81	0.21
16	0.41	2.1	1.6	3.3	2.0	27	4.5	1.0	0.41	0.85	0.63	0.64
17	0.32	0.78	1.5	2.3	1.5	28	3.3	0.91	0.35	0.55	4.3	0.56
18	0.27	0.46	1.4	1.7	1.3	8.0	2.7	0.79	0.36	0.49	41	0.20
19	0.27	0.43	1.5	1.7	1.2	4.6	2.4	0.72	4.6	0.47	2.5	0.16
20	0.27	0.55	1.2	1.6	2.1	3.6	2.1	29	1.3	0.40	1.1	0.19
21	0.26	0.52	1.3	1.5	19	2.9	1.8	2.7	0.55	0.48	0.79	1.1
22	0.27	0.54	1.3	1.3	6.5	23	6.9	1.3	0.57	1.9	0.65	0.19
23	0.38	9.5	16	1.3	3.0	46	5.0	1.1	0.39	2.0	11	0.23
24	0.64	14	3.7	1.1	22	9.1	2.0	0.85	0.33	0.52	2.6	0.25
25	0.37	5.9	2.1	1.2	5.8	5.2	1.7	0.69	0.30	0.38	0.94	0.24
26	0.31	1.6	1.7	1.2	3.3	3.6	1.4	0.63	6.5	0.36	0.62	0.21
27	0.30	9.9	1.4	1.2	4.5	8.3	1.5	0.60	13	0.34	0.51	0.28
28	0.34	11	1.3	1.1	83	248	1.3	0.67	35	4.0	0.46	0.27
29	0.39	2.4	1.3	1.7	---	12	2.2	0.55	4.2	50	0.39	4.7
30	0.35	1.6	1.2	14	---	6.5	9.0	5.0	1.5	30	0.37	1.2
31	0.47	---	1.2	3.9	---	28	---	1.2	---	12	0.30	---
TOTAL	30.84	100.73	186.47	130.2	226.2	547.7	236.3	100.08	166.74	163.15	192.29	14.77
MEAN	0.99	3.36	6.02	4.20	8.08	17.7	7.88	3.23	5.56	5.26	6.20	0.49
MAX	18	16	100	69	83	248	58	29	56	50	78	4.7
MIN	0.26	0.43	0.91	1.1	1.2	2.0	1.3	0.55	0.30	0.34	0.30	0.16
CFSM	0.15	0.50	0.89	0.62	1.20	2.63	1.17	0.48	0.83	0.78	0.92	0.07
IN.	0.17	0.56	1.03	0.72	1.25	3.03	1.31	0.55	0.92	0.90	1.06	0.08

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2005, BY WATER YEAR (WY)

	2000	2003	2003	1999	2000	2003	2003	2003	2003	1998	2003	2004
MEAN	4.41	3.25	5.69	6.87	8.33	13.9	9.39	7.36	5.31	6.79	4.70	4.84
MAX	15.4	10.5	19.9	14.2	12.8	34.6	36.5	42.1	16.3	28.6	14.8	13.5
(WY)	(2000)	(2003)	(2003)	(1999)	(2000)	(2003)	(2003)	(2003)	(2003)	(1998)	(2003)	(2004)
MIN	0.81	1.16	1.61	1.67	3.28	3.06	2.26	0.93	0.76	1.63	0.28	0.49
(WY)	(2001)	(2004)	(2002)	(2004)	(2002)	(1999)	(2001)	(2000)	(2002)	(1999)	(2001)	(2005)

SUMMARY STATISTICS

FOR 2004 CALENDAR YEAR

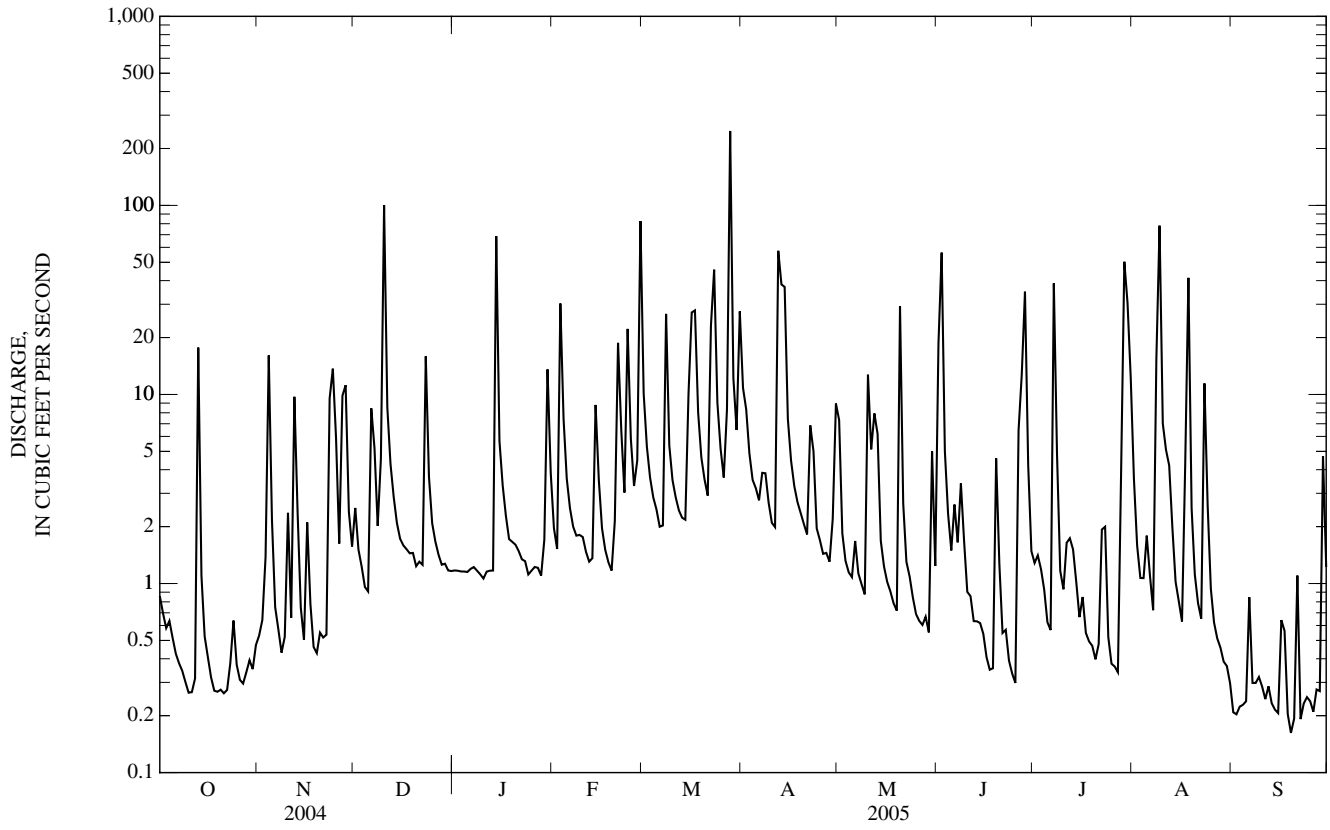
FOR 2005 WATER YEAR

WATER YEARS 1998 - 2005

ANNUAL TOTAL	1,931.72	2,095.47		
ANNUAL MEAN	5.28	5.74		6.59
HIGHEST ANNUAL MEAN				17.6
LOWEST ANNUAL MEAN				3.40
HIGHEST DAILY MEAN	113	Sep 8	248	Mar 28
LOWEST DAILY MEAN	0.22	Jul 23	0.16	Sep 19
ANNUAL SEVEN-DAY MINIMUM	0.29	Oct 17	0.24	Sep 22
MAXIMUM PEAK FLOW			919	Mar 28
MAXIMUM PEAK STAGE			7.98	Mar 28
INSTANTANEOUS LOW FLOW			0.12*	Sep 18
ANNUAL RUNOFF (CFSM)	0.784		0.853	
ANNUAL RUNOFF (INCHES)	10.68		11.58	
10 PERCENT EXCEEDS	12		11	
50 PERCENT EXCEEDS	1.4		1.4	
90 PERCENT EXCEEDS	0.38		0.32	

* See REMARKS.

0214678175 STEELE CREEK AT SECONDARY ROAD 1441 NEAR PINEVILLE, NC—Continued



02147126 WAXHAW CREEK AT SECONDARY ROAD 1103 NEAR JACKSON, NC

LOCATION.--Lat 34°50'13", long 80°47'30", Union County, Hydrologic Unit 03050103, on right upstream wingwall on Secondary Road 1103, 6 mi upstream from mouth, 6 mi southwest of Jackson and 6.5 mi south of Waxhaw.

DRAINAGE AREA.--35.0 mi².

PERIOD OF RECORD.--May 2002 to current year.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 480.33 ft above North American Vertical Datum of 1988, from levels. Satellite telemetry at site.

REMARKS.--No estimated daily discharges. Records fair. Peak stage for period of record from crest-stage gage. Peak discharge for period of record from rating curve extended above 1,200 ft³/s on basis of step-backwater computations. No flow also occurred many days in June, July, Aug., and Sept. 2002, and Oct. 7-10, 2002. Minimum discharge for current water year also occurred Sept. 16.

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	20	7.5	13	8.1	18	171	115	11	6.7	9.1	28	1.8
2	17	6.5	15	7.8	14	44	51	9.1	88	8.6	9.6	1.6
3	33	7.1	13	8.0	46	30	36	7.8	66	6.9	4.4	1.6
4	280	9.9	11	7.9	141	24	27	7.2	17	6.4	3.3	1.5
5	41	20	9.3	8.1	40	21	22	7.3	9.6	5.7	2.7	1.3
6	20	13	9.9	8.2	26	18	19	7.5	6.8	5.0	2.4	1.2
7	14	8.8	14	7.9	20	16	18	7.5	5.5	5.6	2.1	1.1
8	11	7.8	14	8.4	18	43	20	7.1	28	10	2.6	1.1
9	9.1	7.8	12	8.1	17	45	25	6.4	84	6.2	6.5	1.0
10	8.0	8.2	8.9	7.5	16	25	19	6.1	25	4.8	9.6	1.1
11	7.0	9.2	102	7.0	13	20	15	8.0	11	4.3	3.7	1.1
12	6.4	12	31	7.0	12	17	17	8.4	7.5	4.1	2.7	0.95
13	7.7	19	21	7.2	11	15	204	6.3	6.7	3.8	2.4	0.83
14	7.2	11	16	215	14	15	258	6.2	6.6	3.7	23	0.76
15	7.3	7.5	13	180	28	14	80	5.9	5.5	3.6	22	0.71
16	7.5	6.5	11	38	20	89	34	5.1	4.5	3.3	5.1	0.69
17	7.0	6.3	11	25	59	457	24	5.0	3.9	3.3	3.6	0.80
18	6.9	6.2	11	18	33	130	20	5.0	3.4	3.0	4.2	0.86
19	8.0	6.1	11	15	18	48	17	5.1	3.2	2.9	8.0	0.87
20	8.0	6.2	9.8	15	15	35	15	9.1	2.9	2.7	6.6	0.87
21	7.2	6.2	8.8	15	22	28	13	11	2.7	2.5	4.0	0.85
22	7.0	6.4	8.8	13	63	25	13	6.7	2.6	2.4	4.0	0.83
23	6.3	9.8	12	12	32	38	13	5.5	2.5	2.3	4.8	0.78
24	7.2	14	15	10	35	44	11	4.8	2.3	2.2	4.7	0.77
25	7.4	17	13	10	50	27	10	4.3	2.0	2.0	3.4	0.77
26	6.9	14	10	11	28	22	9.6	4.1	2.2	1.9	2.7	0.84
27	6.7	10	9.0	10	21	22	10	3.8	2.5	1.7	2.4	0.86
28	6.9	18	8.2	8.9	163	285	9.4	3.5	28	1.6	2.2	0.79
29	8.1	19	8.1	8.9	---	228	8.8	3.3	160	4.7	2.1	0.84
30	8.7	12	8.3	17	---	44	9.2	4.7	17	7.6	2.0	1.0
31	8.7	---	8.2	30	---	52	---	5.4	---	11	2.0	---
TOTAL	607.2	313.0	546.4	753.0	993	2,092	1,143.0	198.2	613.6	142.9	186.8	30.07
MEAN	19.6	10.4	17.6	24.3	35.5	67.5	38.1	6.39	20.5	4.61	6.03	1.00
MAX	280	20	102	215	163	457	258	11	160	11	28	1.8
MIN	6.3	6.1	8.1	7.0	11	14	8.8	3.3	2.0	1.6	2.0	0.69
CFM	0.56	0.30	0.50	0.69	1.01	1.93	1.09	0.18	0.58	0.13	0.17	0.03
IN.	0.65	0.33	0.58	0.80	1.06	2.22	1.21	0.21	0.65	0.15	0.20	0.03

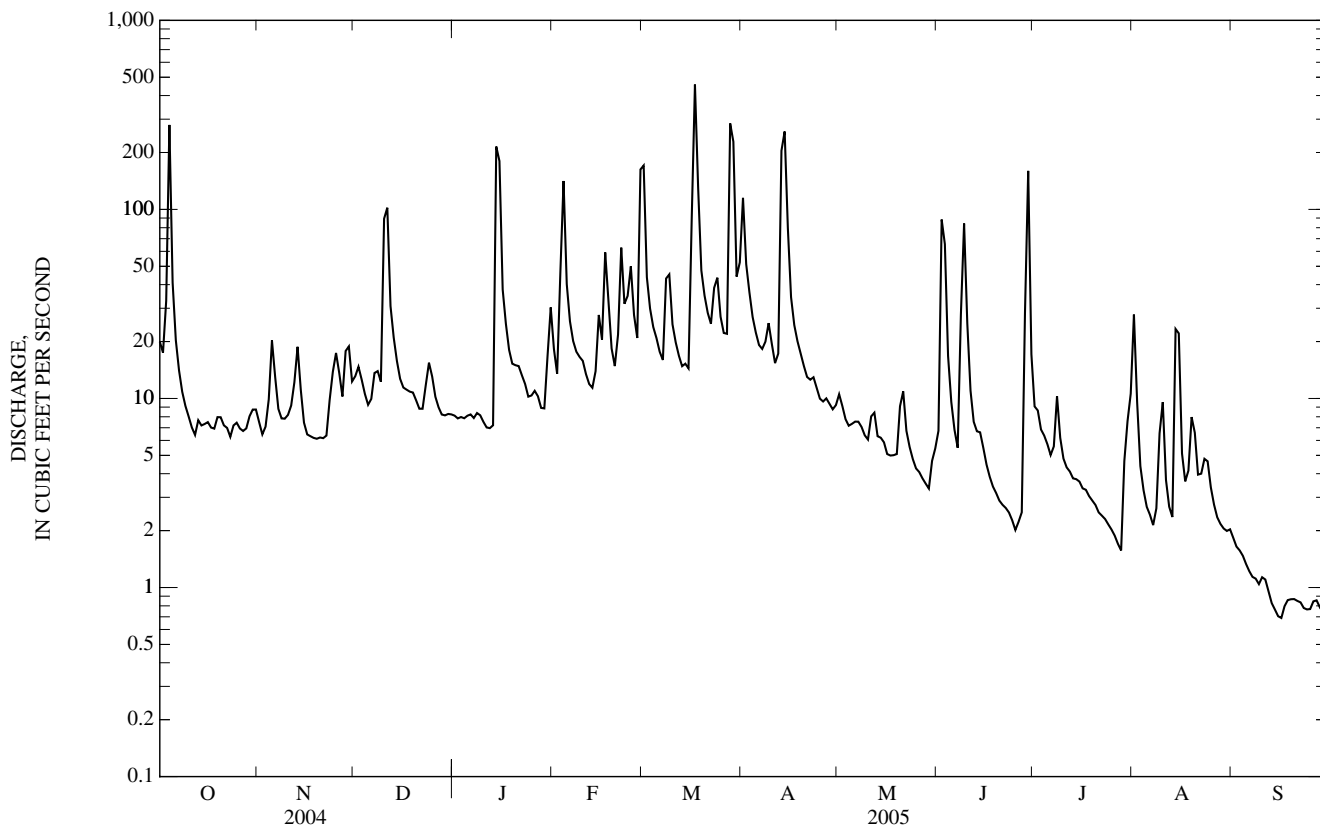
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2002 - 2005, BY WATER YEAR (WY)

MEAN	11.7	17.3	31.4	16.2	58.8	91.3	76.3	12.4	16.6	15.6	17.3	31.7
MAX	19.6	36.3	65.7	24.3	104	176	180	36.0	38.2	53.0	34.2	112
(WY)	(2005)	(2003)	(2003)	(2005)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2004)
MIN	4.06	5.26	10.8	6.15	35.5	30.5	10.6	3.45	2.23	0.61	0.12	1.00
(WY)	(2004)	(2004)	(2004)	(2004)	(2005)	(2004)	(2004)	(2004)	(2002)	(2002)	(2002)	(2005)

02147126 WAXHAW CREEK AT SECONDARY ROAD 1103 NEAR JACKSON, NC—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 2002 - 2005	
ANNUAL TOTAL	8,692.71		7,619.17		35.0	
ANNUAL MEAN	23.8		20.9		20.9	
HIGHEST ANNUAL MEAN					62.9	2003
LOWEST ANNUAL MEAN					20.9	2005
HIGHEST DAILY MEAN	1,070	Sep 8	457	Mar 17	1,600	Mar 20, 2003
LOWEST DAILY MEAN	0.09	Aug 11	0.69	Sep 16	0.00	Jun 24, 2002
ANNUAL SEVEN-DAY MINIMUM	0.35	Aug 5	0.79	Sep 13	0.00	Jun 24, 2002
MAXIMUM PEAK FLOW			582	Mar 28	2,880*	Mar 20, 2003
MAXIMUM PEAK STAGE			7.22	Mar 28	10.71*	Mar 20, 2003
INSTANTANEOUS LOW FLOW			0.61*	Sep 15	0.00*	Jun 21, 2002
ANNUAL RUNOFF (CFSM)	0.679		0.596		1.00	
ANNUAL RUNOFF (INCHES)	9.24		8.10		13.60	
10 PERCENT EXCEEDS	30		38		58	
50 PERCENT EXCEEDS	7.2		8.7		8.1	
90 PERCENT EXCEEDS	1.2		2.0		1.9	

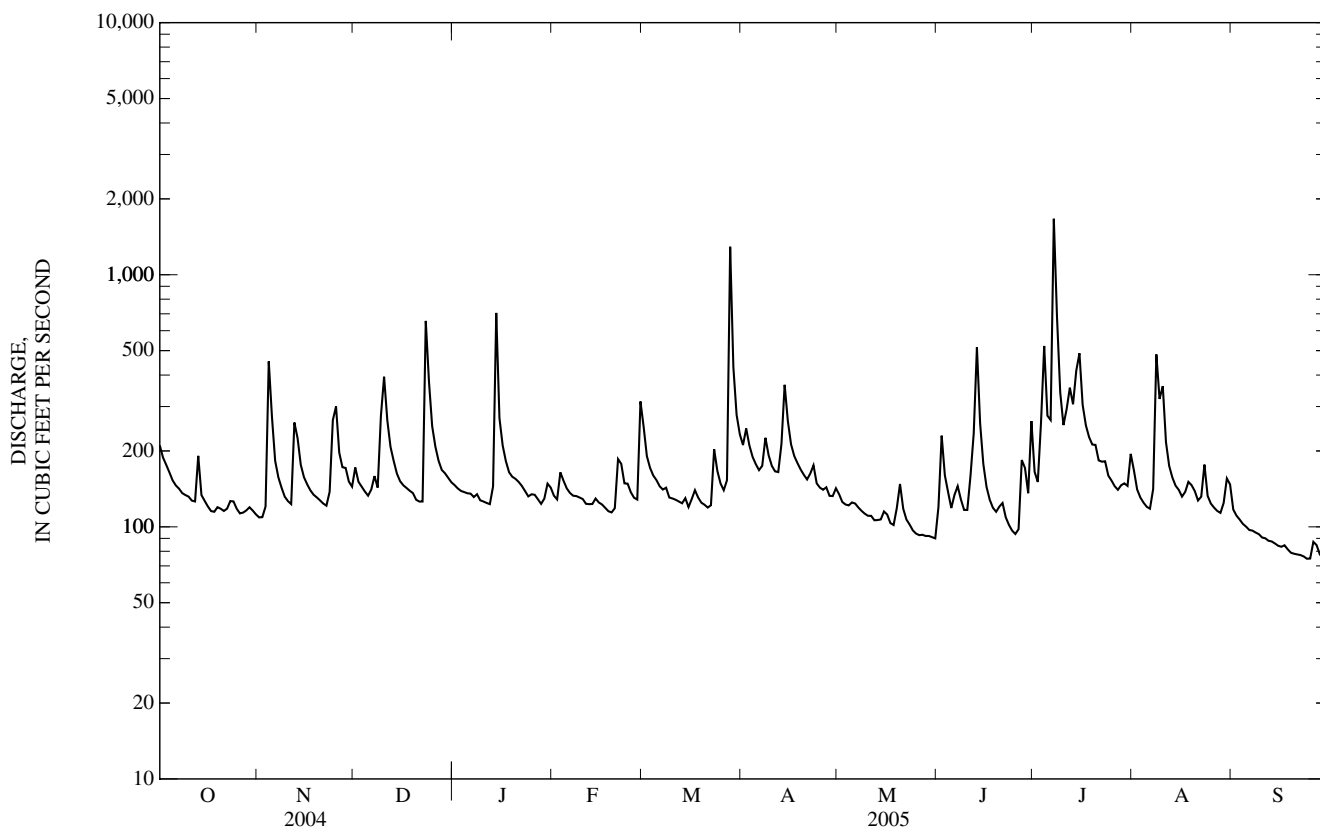
* See REMARKS.



02149000 COVE CREEK NEAR LAKE LURE, NC—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1951 - 2005	
ANNUAL TOTAL	57,611		61,568		135	
ANNUAL MEAN	157		169		231	
HIGHEST ANNUAL MEAN					43.7	
LOWEST ANNUAL MEAN					202	
HIGHEST DAILY MEAN	4,340	Sep 8	1,670	Jul 7	4,340	Sep 8, 2004
LOWEST DAILY MEAN	55	Jul 24	74	Sep 30	8.1	Aug 14, 2002
ANNUAL SEVEN-DAY MINIMUM	61	Jul 18	77	Sep 19	9.2	Aug 9, 2002
MAXIMUM PEAK FLOW			4,230	Jul 7	7,050	Jun 5, 1957
MAXIMUM PEAK STAGE			13.74	Jul 7	18.53	Jun 5, 1957
INSTANTANEOUS LOW FLOW			72*	Sep 25	7.7*	Aug 14, 2002
ANNUAL RUNOFF (CFSM)	1.99		2.14		1.71	
ANNUAL RUNOFF (INCHES)	27.13		28.99		23.29	
10 PERCENT EXCEEDS	212		258		227	
50 PERCENT EXCEEDS	114		138		104	
90 PERCENT EXCEEDS	72		99		48	

* See REMARKS.
e Estimated.



02150495 SECOND BROAD RIVER NEAR LOGAN, NC

LOCATION.--Lat 35°24'16", long 81°52'21", Rutherford County, Hydrologic Unit 03050105, on right bank 30 ft downstream of bridge on Secondary Road 1538, 2.2 mi southeast of Logan, and 2.7 mi upstream from Catheys Creek.

DRAINAGE AREA.--86.2 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1998 to current year.
REVISED RECORDS.--WDR NC-03-1B: 2000 (M).

GAGE.--Water-stage recorder and crest-stage gage. Elevation of gage is 840 ft above NGVD of 1929, from topographic map. Satellite telemetry at station.

REMARKS.--No estimated daily discharges. Records fair. Maximum peak stage for current water year from crest-stage gage. Minimum discharge for current year also occurred Sept. 30.

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	155	95	155	139	131	285	207	132	105	169	145	81
2	139	96	144	135	126	214	212	123	200	134	108	76
3	137	117	137	132	150	180	188	119	145	149	97	74
4	125	723	131	132	146	161	172	115	124	215	91	72
5	116	373	127	130	138	151	160	117	110	205	87	69
6	110	232	128	129	133	142	153	118	104	187	86	68
7	106	179	147	126	130	138	152	115	124	1,780	100	68
8	103	153	137	131	130	142	168	112	146	1,180	149	68
9	101	136	263	125	129	130	164	110	174	401	126	67
10	99	128	488	122	127	127	150	107	136	269	111	66
11	96	123	317	120	120	124	144	107	143	225	100	65
12	95	261	237	120	120	121	144	104	127	265	92	65
13	187	280	194	122	120	119	226	103	150	271	89	66
14	126	206	169	435	124	124	441	107	138	248	86	69
15	112	172	154	243	122	116	298	119	118	259	85	65
16	102	156	145	194	122	123	225	123	105	193	82	66
17	98	145	139	167	119	134	190	107	97	164	81	68
18	96	134	136	152	114	127	173	104	123	147	109	65
19	102	127	135	144	113	121	162	104	130	136	98	61
20	102	123	127	143	116	119	153	139	112	126	88	62
21	99	119	123	140	165	116	146	120	129	120	84	60
22	98	117	122	137	184	117	148	107	106	115	83	60
23	99	126	451	133	156	193	164	104	97	111	131	60
24	103	191	364	126	158	180	143	100	91	106	95	58
25	99	295	249	128	148	156	137	97	88	100	87	58
26	96	201	203	128	140	143	134	95	90	95	83	63
27	98	168	174	125	136	143	137	93	163	91	81	67
28	97	158	156	119	338	1,230	128	94	164	91	80	61
29	99	140	150	124	---	453	126	95	167	113	80	62
30	100	131	146	141	---	298	133	96	305	105	94	58
31	96	---	141	142	---	238	---	92	---	138	101	---
TOTAL	3,391	5,605	5,889	4,584	3,955	6,165	5,278	3,378	4,011	7,908	3,009	1,968
MEAN	109	187	190	148	141	199	176	109	134	255	97.1	65.6
MAX	187	723	488	435	338	1,230	441	139	305	1,780	149	81
MIN	95	95	122	119	113	116	126	92	88	91	80	58
CFSM	1.27	2.17	2.20	1.72	1.64	2.31	2.04	1.26	1.55	2.96	1.13	0.76
IN.	1.46	2.42	2.54	1.98	1.71	2.66	2.28	1.46	1.73	3.41	1.30	0.85

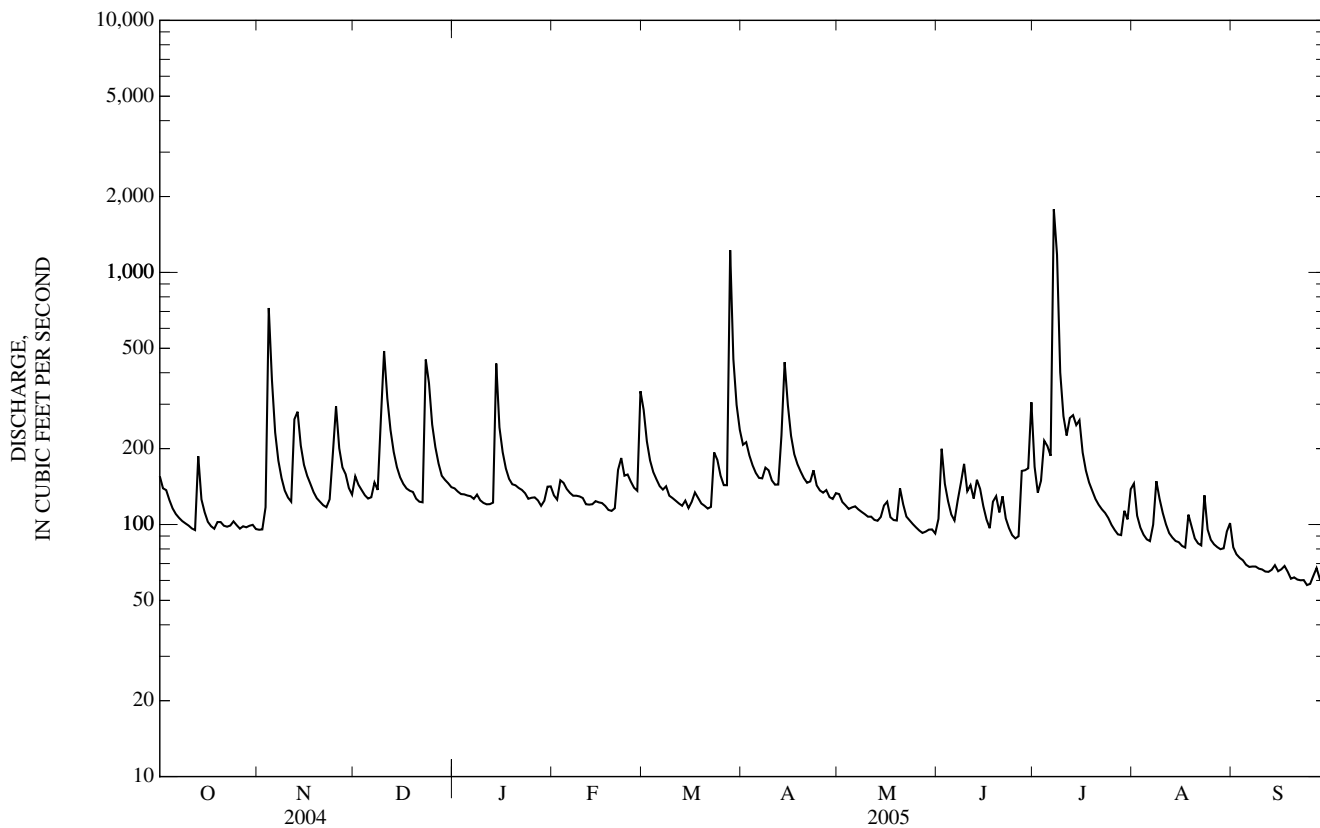
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2005, BY WATER YEAR (WY)

MEAN	66.3	88.7	106	91.2	116	133	147	102	104	116	93.6	103
MAX	122	187	190	148	202	216	368	276	275	275	384	349
(WY)	(2004)	(2005)	(2005)	(2005)	(2004)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2004)
MIN	25.5	33.8	46.2	50.8	57.7	88.8	66.2	34.4	31.1	21.4	13.9	27.9
(WY)	(2001)	(2002)	(2002)	(2001)	(2001)	(2002)	(2002)	(2001)	(2002)	(2002)	(2002)	(2002)

02150495 SECOND BROAD RIVER NEAR LOGAN, NC—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1999 - 2005	
ANNUAL TOTAL	56,066		55,141		105	
ANNUAL MEAN	153		151		46.2	
HIGHEST ANNUAL MEAN					205	2003
LOWEST ANNUAL MEAN					46.2	2002
HIGHEST DAILY MEAN	3,320	Sep 8	1,780	Jul 7	3,320	Sep 8, 2004
LOWEST DAILY MEAN	65	Aug 9	58	Sep 24	6.6	Sep 12, 2002
ANNUAL SEVEN-DAY MINIMUM	69	Aug 5	60	Sep 19	8.0	Sep 7, 2002
MAXIMUM PEAK FLOW			4,300	Jul 7	4,450	Sep 8, 2004
MAXIMUM PEAK STAGE			15.71*	Jul 7	15.91	Sep 8, 2004
INSTANTANEOUS LOW FLOW			54*	Sep 25	6.1	Sep 12, 2002
ANNUAL RUNOFF (CFSM)	1.78		1.75		1.22	
ANNUAL RUNOFF (INCHES)	24.20		23.80		16.62	
10 PERCENT EXCEEDS	243		214		181	
50 PERCENT EXCEEDS	108		127		75	
90 PERCENT EXCEEDS	79		83		28	

* See REMARKS.



PRECIPITATION RECORDS

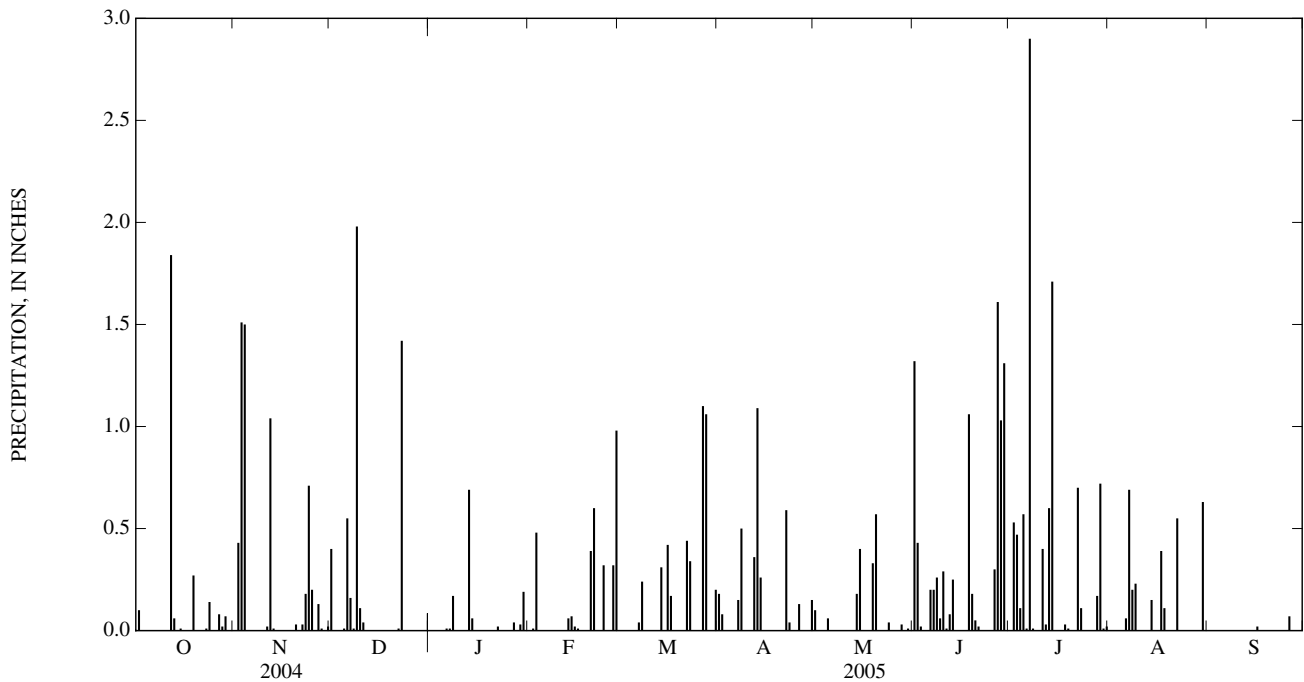
PERIOD OF RECORD.--November 2000 to current year.

GAGE.--Tipping-bucket raingage and electronic datalogger. Satellite telemetry at station.

REMARKS.--Gage is operated in cooperation with North Carolina Department of Environment and Natural Resources. Precipitation data collected during freezing periods may not be accurately reflected in daily record; consequently, winter record is poor.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.40	0.00	0.00	0.00	0.18	0.10	1.32	0.00	0.00	0.00
2	0.10	0.43	0.00	0.00	0.01	0.00	0.08	0.00	0.43	0.53	0.00	0.00
3	0.00	1.51	0.00	0.00	0.48	0.00	0.00	0.00	0.02	0.47	0.00	0.00
4	0.00	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00
5	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.06	0.00	0.57	0.00	0.00
6	0.00	0.00	0.55	0.01	0.00	0.00	0.00	0.00	0.20	0.01	0.06	0.00
7	0.00	0.00	0.16	0.01	0.00	0.04	0.15	0.00	0.20	2.90	0.69	0.00
8	0.00	0.00	0.01	0.17	0.00	0.24	0.50	0.00	0.26	0.01	0.20	0.00
9	0.00	0.00	1.98	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.23	0.00
10	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.29	0.00	0.00	0.00
11	0.00	0.02	0.04	0.00	0.00	0.00	0.00	0.00	0.01	0.40	0.00	0.00
12	1.84	1.04	0.00	0.00	0.00	0.00	0.36	0.00	0.08	0.03	0.00	0.00
13	0.06	0.01	0.00	0.69	0.06	0.00	1.09	0.00	0.25	0.60	0.00	0.00
14	0.00	0.00	0.00	0.06	0.07	0.31	0.26	0.18	0.00	1.71	0.15	0.00
15	0.01	0.00	0.00	0.00	0.02	0.00	0.00	0.40	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.01	0.42	0.00	0.00	0.00	0.00	0.00	0.02
17	0.00	0.00	0.00	0.00	0.00	0.17	0.00	0.00	0.00	0.00	0.39	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.06	0.03	0.11	0.00
19	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.33	0.18	0.01	0.00	0.00
20	0.00	0.03	0.00	0.00	0.39	0.00	0.00	0.57	0.05	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.00	0.02	0.00	0.00	0.00
22	0.00	0.03	0.01	0.02	0.00	0.44	0.59	0.00	0.00	0.70	0.55	0.00
23	0.01	0.18	1.42	0.00	0.00	0.34	0.04	0.00	0.00	0.11	0.00	0.00
24	0.14	0.71	0.00	0.00	0.32	0.00	0.00	0.04	0.00	0.00	0.00	0.00
25	0.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.00	0.30	0.00	0.00	0.07
27	0.08	0.13	0.00	0.04	0.32	1.10	0.00	0.00	1.61	0.00	0.00	0.00
28	0.02	0.01	0.00	0.00	0.98	1.06	0.00	0.03	1.03	0.17	0.00	0.00
29	0.07	0.00	0.00	0.03	---	0.00	0.00	0.00	1.31	0.72	0.00	0.00
30	0.00	0.02	0.00	0.19	---	0.00	0.15	0.01	0.00	0.01	0.63	0.00
31	0.00	---	0.00	0.00	---	0.20	---	0.00	---	0.02	0.00	---
TOTAL	2.60	5.82	4.69	1.22	3.26	4.32	3.53	1.72	8.68	9.11	3.01	0.09



02151500 BROAD RIVER NEAR BOILING SPRINGS, NC

LOCATION.--Lat 35°12'39", long 81°41'51". Cleveland County, Hydrologic Unit 03050105, on right bank 0.5 mi upstream from Sandy Run Creek, 3 mi downstream of Second Broad River, and 3.5 mi southwest of Boiling Springs.

DRAINAGE AREA.--875 mi².

PERIOD OF RECORD.--June 1925 to current year.

REVISED RECORDS.--WDR NC-81-1: Drainage area. WDR NC-88: 1986(m).

GAGE.--Water-stage recorder. Datum of gage is 639.92 ft above NGVD of 1929 (Duke Power Company bench mark). Prior to July 20, 1934, at site 500 ft upstream at 640.92 ft. Satellite and telephone telemetry at station.

REMARKS.--No estimated daily discharges. Records fair. Considerable diurnal fluctuation and some regulation caused by power plants upstream from station. Maximum discharge and gage height for period of record from former site, present datum.

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	2,680	841	1,630	1,760	1,330	2,990	2,750	1,650	1,350	2,070	1,850	1,120
2	2,500	1,330	1,640	1,200	1,380	2,210	2,650	1,460	2,270	1,980	1,500	1,140
3	2,000	1,720	1,650	1,200	1,430	1,630	2,240	1,500	2,170	1,790	1,440	1,040
4	1,480	6,760	1,530	1,740	1,540	1,560	1,860	1,470	1,760	2,740	1,200	790
5	1,640	4,550	1,160	1,930	1,380	1,810	2,180	1,380	1,480	2,290	1,240	764
6	1,660	2,940	1,220	2,000	1,050	1,230	2,110	1,370	1,230	3,460	1,360	877
7	1,630	1,940	2,030	1,730	1,020	1,130	1,920	1,310	1,770	10,200	1,210	1,260
8	1,590	1,510	1,790	1,880	1,330	1,810	2,210	968	1,420	18,500	1,640	1,030
9	1,590	2,010	2,020	1,300	1,700	1,590	2,230	1,180	1,620	5,140	2,980	952
10	1,420	1,570	11,900	1,200	1,810	1,140	1,840	1,470	1,600	3,250	2,260	1,070
11	1,380	1,620	4,070	1,790	1,500	1,670	1,690	1,520	1,700	2,770	1,880	742
12	1,410	2,070	2,440	1,590	1,260	1,420	2,060	1,340	1,740	3,210	1,600	644
13	1,470	3,150	1,980	1,440	972	1,070	3,210	1,100	2,060	3,650	1,420	621
14	1,530	1,870	1,950	3,650	967	1,070	3,470	1,360	2,350	3,430	1,500	951
15	1,490	1,570	1,830	2,780	973	1,500	3,130	1,010	2,090	5,050	1,120	1,070
16	1,410	1,530	2,110	1,650	1,120	1,490	2,360	1,030	1,700	3,000	1,180	1,030
17	994	1,500	1,750	1,480	1,370	1,640	2,000	1,330	1,470	2,470	1,200	1,020
18	927	1,560	1,670	1,990	1,280	1,560	1,910	1,300	1,470	2,310	1,390	631
19	1,320	1,660	1,480	1,540	1,460	1,310	2,020	1,220	1,330	2,290	1,560	581
20	1,480	1,620	1,160	1,560	1,000	1,120	1,960	1,420	1,460	2,060	1,320	905
21	1,230	1,520	1,650	1,610	1,160	1,010	1,630	1,490	1,590	1,970	897	1,070
22	1,160	1,140	1,890	1,770	2,000	1,250	1,600	1,250	1,360	1,850	891	806
23	1,360	1,610	2,980	1,170	1,460	2,110	1,480	1,120	1,120	1,900	2,070	858
24	1,040	1,740	4,440	1,120	1,510	1,940	1,530	1,350	1,130	1,710	1,500	806
25	1,160	2,520	3,150	1,440	1,490	1,750	1,580	1,410	1,230	1,420	1,340	585
26	1,270	1,960	2,280	1,490	1,450	1,520	1,720	1,040	892	1,630	1,140	688
27	1,260	1,750	1,910	1,470	1,450	1,230	1,540	1,240	1,560	1,580	1,210	1,000
28	1,310	1,830	2,200	1,550	2,570	9,690	1,310	1,200	4,370	1,630	1,270	793
29	1,340	1,540	2,110	1,450	---	6,460	1,420	829	2,960	1,750	1,270	899
30	1,320	1,590	1,910	1,370	---	3,640	1,610	842	2,430	1,730	1,160	835
31	958	---	1,870	1,210	---	2,910	---	1,200	---	1,650	1,180	---
TOTAL	45,009	60,521	73,400	51,060	38,962	64,460	61,220	39,359	52,682	100,480	44,778	26,578
MEAN	1,452	2,017	2,368	1,647	1,392	2,079	2,041	1,270	1,756	3,241	1,444	886
MAX	2,680	6,760	11,900	3,650	2,570	9,690	3,470	1,650	4,370	18,500	2,980	1,260
MIN	927	841	1,160	1,120	967	1,010	1,310	829	892	1,420	891	581
CFSM	1.66	2.31	2.71	1.88	1.59	2.38	2.33	1.45	2.01	3.70	1.65	1.01
IN.	1.91	2.57	3.12	2.17	1.66	2.74	2.60	1.67	2.24	4.27	1.90	1.13

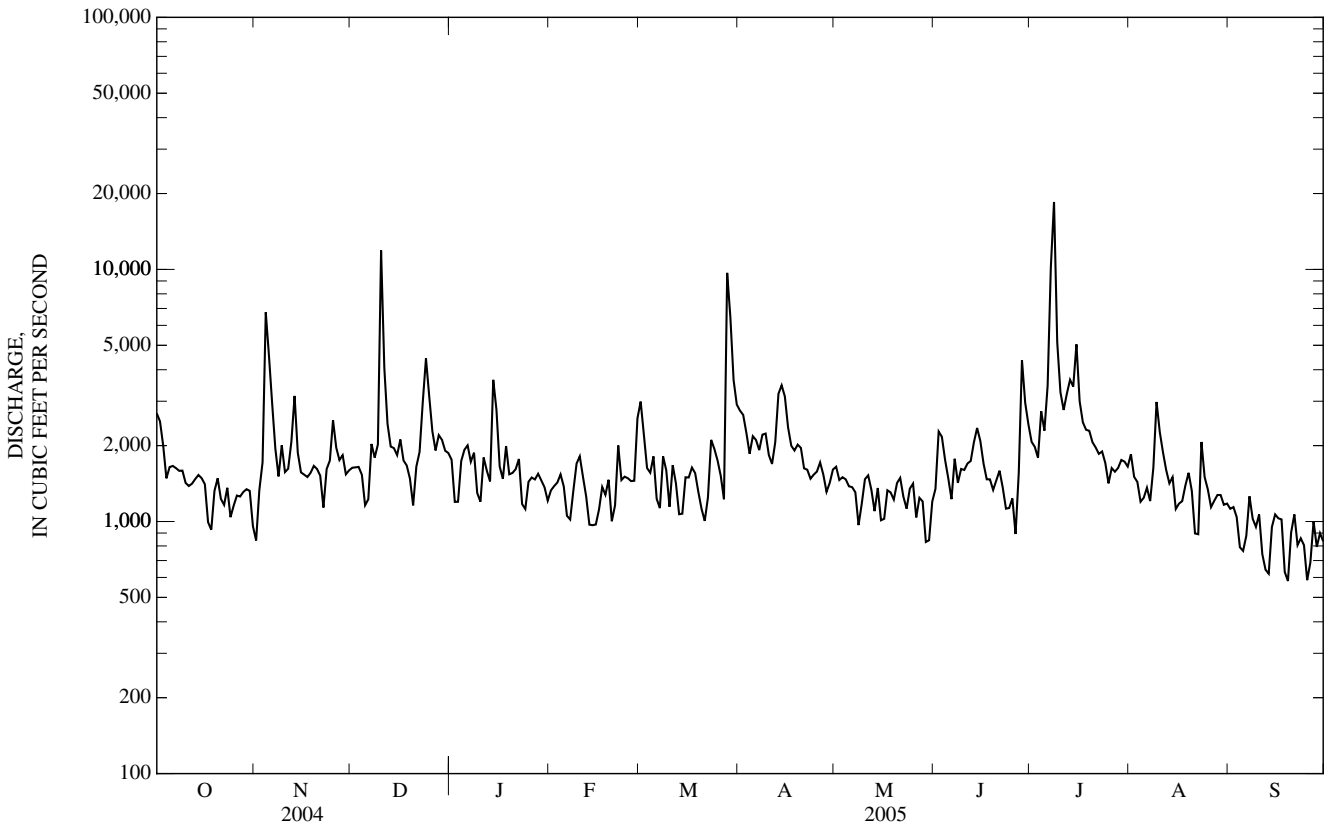
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1925 - 2005, BY WATER YEAR (WY)

MEAN	1,247	1,223	1,446	1,726	1,879	2,080	1,921	1,536	1,310	1,126	1,214	1,093
MAX	5,499	3,275	2,875	4,750	4,304	4,868	4,525	3,441	2,812	3,241	6,893	4,806
(WY)	(1965)	(1993)	(1984)	(1937)	(1960)	(1975)	(1936)	(1973)	(1973)	(2005)	(1928)	(2004)
MIN	237	407	449	422	641	783	821	505	420	305	175	288
(WY)	(1955)	(1955)	(1956)	(1956)	(2001)	(1988)	(1986)	(2001)	(1988)	(2002)	(2002)	(1954)

02151500 BROAD RIVER NEAR BOILING SPRINGS, NC—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1925 - 2005	
ANNUAL TOTAL	605,875		658,509			
ANNUAL MEAN	1,655		1,804		1,484	
HIGHEST ANNUAL MEAN					2,328	1973
LOWEST ANNUAL MEAN					578	2002
HIGHEST DAILY MEAN	31,200	Sep 8	18,500	Jul 8	63,900	Aug 16, 1928
LOWEST DAILY MEAN	504	Jul 25	581	Sep 19	83	Sep 13, 2002
ANNUAL SEVEN-DAY MINIMUM	661	Aug 15	791	Sep 22	102	Sep 8, 2002
MAXIMUM PEAK FLOW			25,100	Jul 8	73,300*	Aug 16, 1928
MAXIMUM PEAK STAGE			14.03	Jul 8	24.30*	Aug 16, 1928
INSTANTANEOUS LOW FLOW			507	Sep 19	40	Oct 17, 1954
ANNUAL RUNOFF (CFSM)	1.89		2.06		1.70	
ANNUAL RUNOFF (INCHES)	25.76		28.00		23.04	
10 PERCENT EXCEEDS	2,400		2,660		2,490	
50 PERCENT EXCEEDS	1,180		1,520		1,170	
90 PERCENT EXCEEDS	741		1,020		555	

* See REMARKS.



02152100 FIRST BROAD RIVER NEAR CASAR, NC

LOCATION.--Lat 35°29'35", long 81°40'56", Cleveland County, Hydrologic Unit 03050105, on right bank 570 ft upstream from bridge on Secondary Road 1530, 0.5 mi upstream from No Business Creek, and 4.0 mi southwest of Casar.

DRAINAGE AREA.--60.5 mi².

PERIOD OF RECORD.--Occasional low-flow measurements, water years 1949-5. March 1959 to current year.

REVISED RECORDS.--WDR NC-81-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 899.87 ft above NGVD of 1929. Satellite telemetry at station.

REMARKS.--Records good except those for estimated daily discharges, which are fair.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of 1916 and August 1940 reached a stage of about 25 ft, from information by local resident.

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	108	61	136	104	90	273	149	95	66	71	150	54
2	e98	62	124	101	87	172	159	86	116	74	88	51
3	e93	81	115	98	106	138	133	84	81	203	74	49
4	e84	747	106	97	103	123	124	82	72	215	67	47
5	76	332	98	96	97	117	116	83	64	115	65	46
6	72	167	97	95	92	110	110	83	61	90	66	45
7	71	125	107	93	90	105	112	80	60	1,620	66	44
8	68	107	98	97	90	112	137	78	71	683	95	44
9	68	95	286	90	88	98	141	75	91	221	97	43
10	67	86	761	89	86	94	126	75	126	135	87	42
11	65	83	343	87	82	92	117	74	99	114	75	41
12	63	260	217	87	82	90	113	71	80	123	66	40
13	219	257	168	98	81	88	200	69	84	119	62	40
14	95	157	137	385	83	88	476	85	76	109	60	39
15	81	126	123	182	83	83	282	84	65	145	66	39
16	72	113	115	139	84	89	183	83	59	106	57	38
17	67	103	111	121	79	96	145	71	56	92	98	39
18	66	97	107	110	75	89	132	70	96	84	223	38
19	72	93	104	106	74	85	123	68	172	81	109	36
20	71	91	96	105	e69	84	116	99	112	75	79	36
21	67	86	94	102	e95	82	110	80	90	73	68	36
22	66	83	93	97	e107	84	111	70	77	70	62	36
23	65	96	435	93	e96	154	131	69	69	79	90	36
24	70	135	315	88	111	137	106	65	65	69	72	35
25	66	226	192	91	103	115	102	62	62	64	64	34
26	63	144	152	91	95	105	99	62	64	61	60	38
27	64	123	132	86	92	101	103	60	134	58	58	41
28	63	126	120	82	347	1,100	94	59	102	57	56	37
29	65	108	116	86	---	421	92	59	88	106	55	37
30	65	101	112	104	---	234	97	59	83	77	62	35
31	64	---	107	100	---	175	---	58	---	150	70	---
TOTAL	2,394	4,471	5,317	3,400	2,767	4,934	4,239	2,298	2,541	5,339	2,467	1,216
MEAN	77.2	149	172	110	98.8	159	141	74.1	84.7	172	79.6	40.5
MAX	219	747	761	385	347	1,100	476	99	172	1,620	223	54
MIN	63	61	93	82	69	82	92	58	56	57	55	34
CFSM	1.28	2.46	2.83	1.81	1.63	2.63	2.34	1.23	1.40	2.85	1.32	0.67
IN.	1.47	2.75	3.27	2.09	1.70	3.03	2.61	1.41	1.56	3.28	1.52	0.75

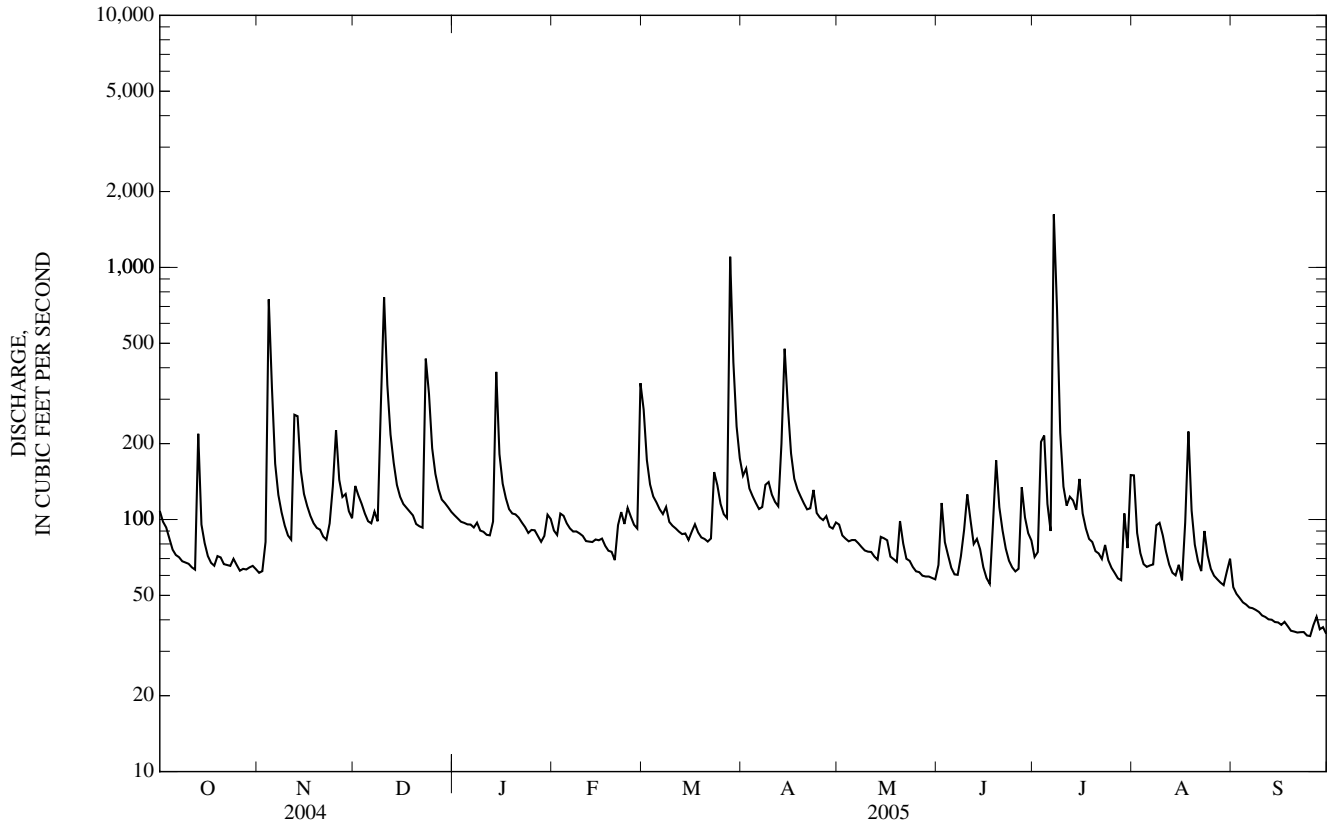
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1959 - 2005, BY WATER YEAR (WY)

MEAN	71.9	68.8	84.2	101	120	136	126	96.4	81.7	67.4	67.7	59.8
MAX	318	191	185	273	286	386	300	254	261	243	262	348
(WY)	(1965)	(1978)	(1962)	(1995)	(1960)	(1975)	(2003)	(1975)	(2003)	(2003)	(1970)	(2004)
MIN	17.4	17.2	22.7	30.9	37.8	44.6	36.1	18.3	14.9	11.4	8.09	21.0
(WY)	(2002)	(2002)	(2002)	(2001)	(2001)	(1988)	(2002)	(2001)	(2002)	(2002)	(2002)	(2002)

02152100 FIRST BROAD RIVER NEAR CASAR, NC—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1959 - 2005	
ANNUAL TOTAL	44,306		41,383		90.0	
ANNUAL MEAN	121		113		26.8	
HIGHEST ANNUAL MEAN					152	2003
LOWEST ANNUAL MEAN					26.8	2002
HIGHEST DAILY MEAN	5,870	Sep 8	1,620	Jul 7	5,870	Sep 8, 2004
LOWEST DAILY MEAN	40	Aug 11	34	Sep 25	3.9	Aug 15, 2002
ANNUAL SEVEN-DAY MINIMUM	42	Aug 5	36	Sep 19	4.1	Aug 9, 2002
MAXIMUM PEAK FLOW			5,120	Jul 7	12,500	Sep 8, 2004
MAXIMUM PEAK STAGE			11.82	Jul 7	19.89	Sep 8, 2004
INSTANTANEOUS LOW FLOW			33	Sep 25	3.6	Aug 15, 2002
ANNUAL RUNOFF (CFSM)	2.00		1.87		1.49	
ANNUAL RUNOFF (INCHES)	27.24		25.45		20.21	
10 PERCENT EXCEEDS	181		158		148	
50 PERCENT EXCEEDS	69		90		63	
90 PERCENT EXCEEDS	52		58		31	

e Estimated.



351954080493445 CRN02

LOCATION.--Lat 35°19'54", long 80°49'35", Mecklenburg County, Hydrologic Unit 03050101, Fire Station 28, Old Statesville Road, Charlotte, NC.

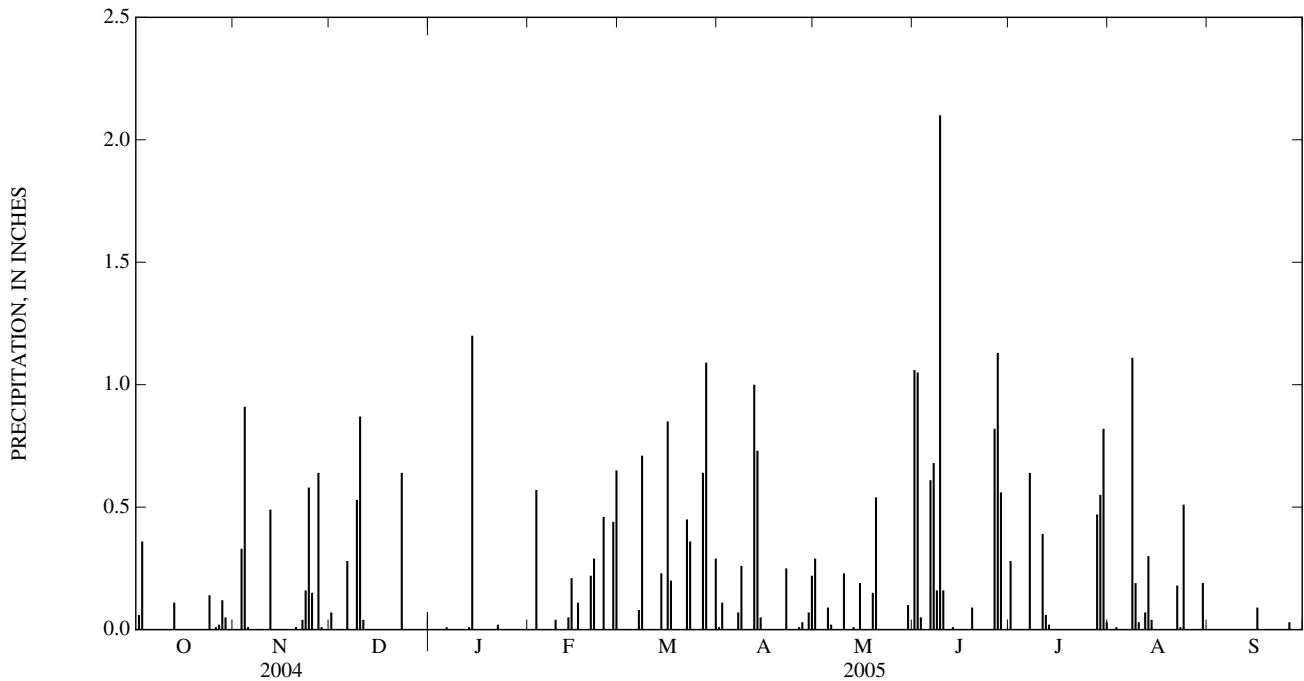
PERIOD OF RECORD.--October 1992 to current year. Records for period October 1992 to September 1998 published in USGS OFR 96-150, 98-67, and 99-273.

GAGE.--Tipping-bucket raingage and electronic datalogger. Radio telemetry at station.

REMARKS.--Gage is operated as part of Charlotte/Mecklenburg Rainfall Runoff Network. Collection of frozen precipitation during January 2005 is not reflected in daily or monthly totals.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.07	0.00	0.00	0.00	0.01	0.29	1.06	0.28	0.00	0.00
2	0.06	0.00	0.00	0.00	0.00	0.00	0.11	0.00	1.05	0.00	0.00	0.00
3	0.36	0.33	0.00	0.00	0.57	0.00	0.00	0.00	0.05	0.00	0.01	0.00
4	0.00	0.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.00
6	0.00	0.00	0.28	0.01	0.00	0.00	0.00	0.02	0.61	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.08	0.07	0.00	0.68	0.64	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.71	0.26	0.00	0.16	0.00	1.11	0.00
9	0.00	0.00	0.53	0.00	0.04	0.00	0.00	0.00	2.10	0.00	0.19	0.00
10	0.00	0.00	0.87	0.00	0.00	0.00	0.00	0.23	0.16	0.00	0.03	0.00
11	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.39	0.00	0.00
12	0.00	0.49	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.06	0.07	0.00
13	0.11	0.00	0.00	0.01	0.05	0.00	0.73	0.01	0.01	0.02	0.30	0.00
14	0.00	0.00	0.00	1.20	0.21	0.23	0.05	0.00	0.00	0.00	0.04	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.11	0.85	0.00	0.00	0.00	0.00	0.00	0.09
17	0.00	0.00	0.00	0.00	0.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.09	0.00	0.00	0.00
20	0.00	0.01	0.00	0.00	0.22	0.00	0.00	0.54	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.04	0.00	0.02	0.00	0.45	0.25	0.00	0.00	0.00	0.18	0.00
23	0.00	0.16	0.64	0.00	0.00	0.36	0.00	0.00	0.00	0.00	0.01	0.00
24	0.14	0.58	0.00	0.00	0.46	0.00	0.00	0.00	0.00	0.00	0.51	0.00
25	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.82	0.00	0.00	0.03
27	0.02	0.64	0.00	0.00	0.44	0.64	0.03	0.00	1.13	0.00	0.00	0.00
28	0.12	0.01	0.00	---	0.65	1.09	0.00	0.00	0.56	0.47	0.00	0.00
29	0.05	0.00	0.00	---	---	0.00	0.07	0.00	0.00	0.55	0.00	0.00
30	0.00	0.00	0.00	---	---	0.00	0.22	0.10	0.00	0.82	0.19	0.00
31	0.00	---	0.00	0.00	---	0.29	---	0.00	---	0.03	0.00	---
TOTAL	0.87	3.33	2.43	---	3.04	4.90	2.81	1.62	8.48	3.26	2.64	0.12



LOCATION.--Lat 35°11'34", long 80°56'09", Mecklenburg County, Hydrologic Unit 03050103, Fire Station 30, Belle Oaks Road, Charlotte, NC.

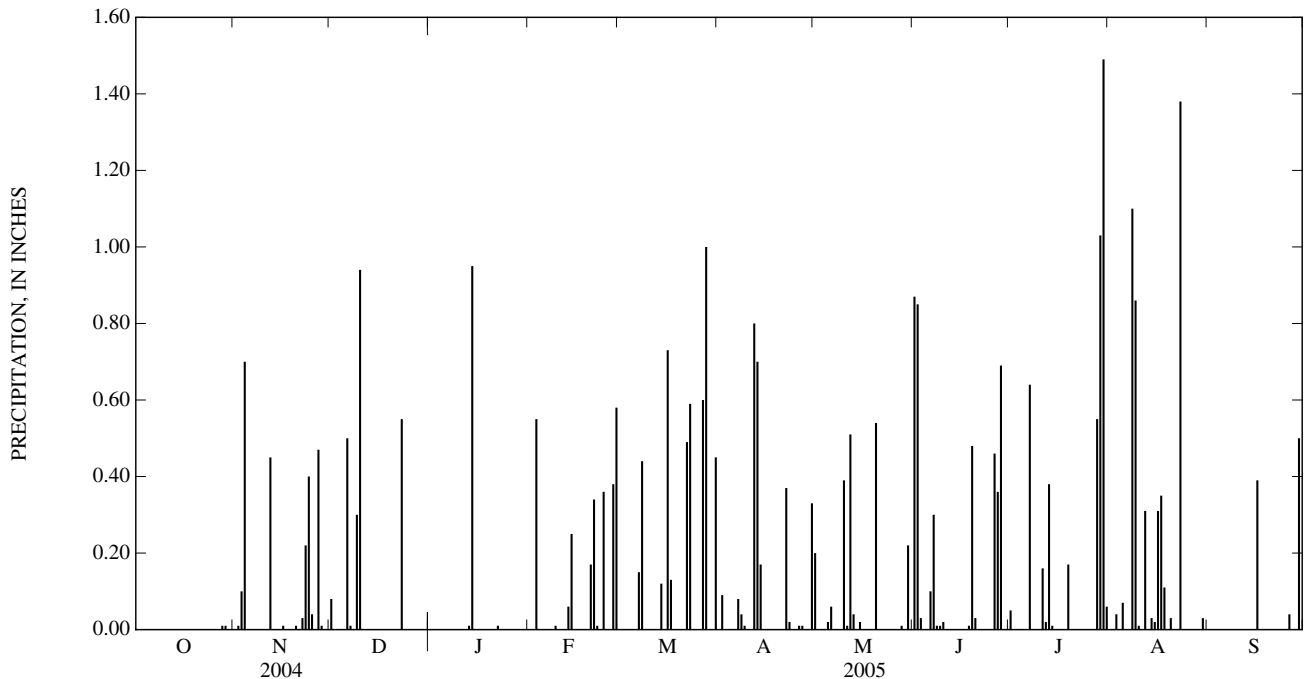
PERIOD OF RECORD.--October 1992 to current year. Records for period October 1992 to September 1998 published in USGS OFR 96-150, 98-67, and 99-273.

GAGE.--Tipping-bucket raingage and electronic datalogger. Radio telemetry at station.

REMARKS.--Gage is operated as part of Charlotte/Mecklenburg Rainfall Runoff Network. Collection of frozen precipitation during January 2005 is not reflected in daily or monthly totals.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	0.00	0.08	0.00	0.00	0.00	0.00	0.20	0.87	0.05	0.00	0.00
2	---	0.01	0.00	0.00	0.00	0.00	0.09	0.00	0.85	0.00	0.00	0.00
3	---	0.10	0.00	0.00	0.55	0.00	0.00	0.00	0.03	0.00	0.04	0.00
4	---	0.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	---	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.07	0.00
6	---	0.00	0.50	0.00	0.00	0.00	0.00	0.06	0.10	0.00	0.00	0.00
7	---	0.00	0.01	0.00	0.00	0.15	0.08	0.00	0.30	0.64	0.00	0.00
8	---	0.00	0.00	0.00	0.00	0.44	0.04	0.00	0.01	0.00	1.10	0.00
9	---	0.00	0.30	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.86	0.00
10	---	0.00	0.94	0.00	0.00	0.00	0.00	0.39	0.02	0.00	0.01	0.00
11	---	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.16	0.00	0.00
12	---	0.45	0.00	0.00	0.00	0.00	0.80	0.51	0.00	0.02	0.31	0.00
13	---	0.00	0.00	0.01	0.06	0.00	0.70	0.04	0.00	0.38	0.00	0.00
14	---	0.00	0.00	0.95	0.25	0.12	0.17	0.00	0.00	0.01	0.03	0.00
15	---	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.02	0.00
16	---	0.01	0.00	0.00	0.00	0.73	0.00	0.00	0.00	0.00	0.31	0.39
17	---	0.00	0.00	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.35	0.00
18	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.11	0.00
19	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.48	0.17	0.00	0.00
20	---	0.01	0.00	0.00	0.17	0.00	0.00	0.54	0.03	0.00	0.03	0.00
21	---	0.00	0.00	0.00	0.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	---	0.03	0.00	0.01	0.01	0.49	0.37	0.00	0.00	0.00	0.00	0.00
23	---	0.22	0.55	0.00	0.00	0.59	0.02	0.00	0.00	0.00	1.38	0.00
24	---	0.40	0.00	0.00	0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.46	0.00	0.00	0.04
27	0.00	0.47	0.00	0.00	0.38	0.60	0.01	0.00	0.36	0.00	0.00	0.00
28	0.01	0.01	0.00	---	0.58	1.00	0.00	0.01	0.69	0.55	0.00	0.00
29	0.01	0.00	0.00	---	---	0.00	0.00	0.00	0.00	1.03	0.00	0.50
30	0.00	0.00	0.00	---	---	0.00	0.33	0.22	0.00	1.49	0.03	0.00
31	0.00	---	0.00	---	---	0.45	---	0.00	---	0.06	0.00	---
TOTAL	---	2.45	2.38	---	2.71	4.70	2.63	2.02	4.22	4.56	4.65	0.93



351642080533445 CRN05

LOCATION.--Lat 35°16'42", long 80°53'34", Mecklenburg County, Hydrologic Unit 03050103, CMUD Administration Building, Brookshire Boulevard, Charlotte, NC.

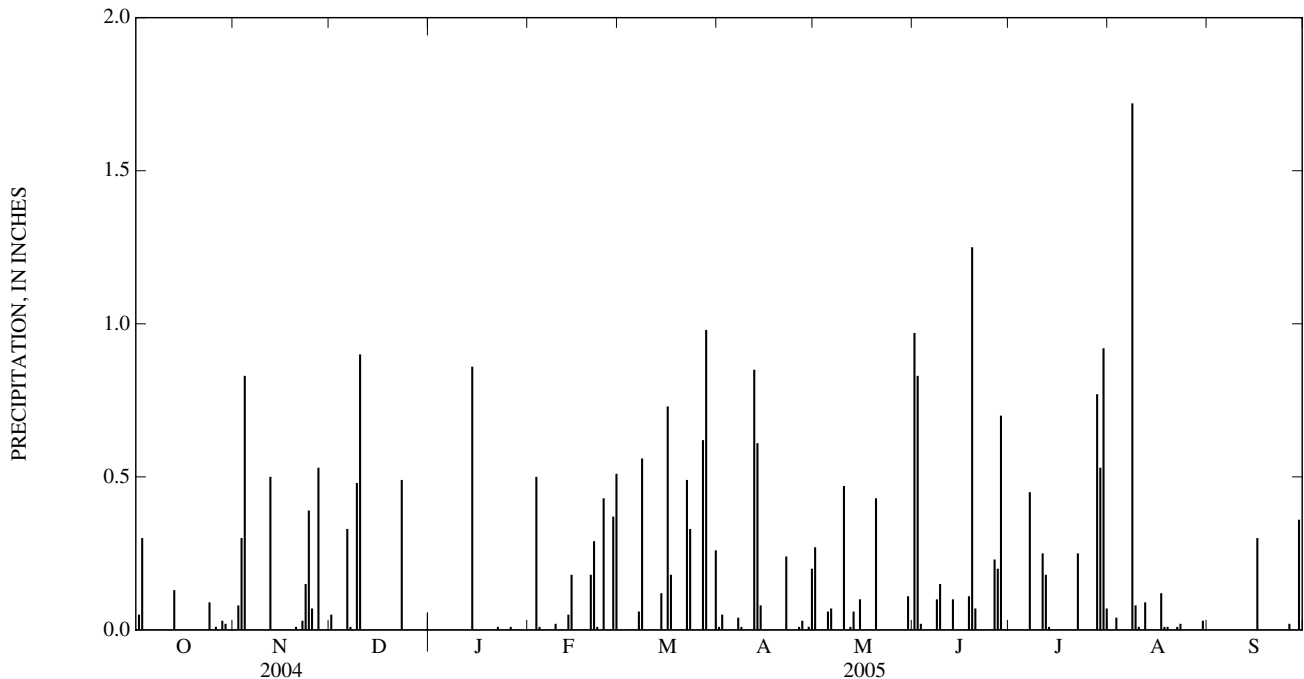
PERIOD OF RECORD.--October 1992 to current year. Records for period October 1992 to September 1998 published in USGS OFR 96-150, 98-67, and 99-273.

GAGE.--Tipping-bucket raingage and electronic datalogger. Radio telemetry at station.

REMARKS.--Gage is operated as part of Charlotte/Mecklenburg Rainfall Runoff Network. Collection of frozen precipitation during January 2005 is not reflected in daily or monthly totals.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.05	0.00	0.00	0.00	0.01	0.27	0.97	0.00	0.00	0.00
2	0.05	0.08	0.00	0.00	0.00	0.00	0.05	0.00	0.83	0.00	0.00	0.00
3	0.30	0.30	0.00	0.00	0.50	0.00	0.00	0.00	0.02	0.00	0.04	0.00
4	0.00	0.83	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00
6	0.00	0.00	0.33	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00
7	0.00	0.00	0.01	0.00	0.00	0.06	0.04	0.00	0.00	0.45	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.56	0.01	0.00	0.10	0.00	1.72	0.00
9	0.00	0.00	0.48	0.00	0.02	0.00	0.00	0.00	0.15	0.00	0.08	0.00
10	0.00	0.00	0.90	0.00	0.00	0.00	0.00	0.47	0.00	0.00	0.01	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00
12	0.00	0.50	0.00	0.00	0.00	0.00	0.85	0.01	0.00	0.18	0.09	0.00
13	0.13	0.00	0.00	0.00	0.05	0.00	0.61	0.06	0.10	0.01	0.00	0.00
14	0.00	0.00	0.00	0.86	0.18	0.12	0.08	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.73	0.00	0.00	0.00	0.00	0.00	0.30
17	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.00	0.00	0.12	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.01	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.25	0.00	0.01	0.00
20	0.00	0.01	0.00	0.00	0.18	0.00	0.00	0.43	0.07	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.03	0.00	0.01	0.01	0.49	0.24	0.00	0.00	0.25	0.01	0.00
23	0.00	0.15	0.49	0.00	0.00	0.33	0.00	0.00	0.00	0.00	0.02	0.00
24	0.09	0.39	0.00	0.00	0.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.01	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.23	0.00	0.00	0.02
27	0.00	0.53	0.00	0.00	0.37	0.62	0.03	0.00	0.20	0.00	0.00	0.00
28	0.03	0.00	0.00	---	0.51	0.98	0.00	0.00	0.70	0.77	0.00	0.00
29	0.02	0.00	0.00	---	---	0.00	0.01	0.00	0.00	0.53	0.00	0.36
30	0.00	0.00	0.00	---	---	0.00	0.20	0.11	0.00	0.92	0.03	0.00
31	0.00	---	0.00	0.00	---	0.26	---	0.00	---	0.07	0.00	---
TOTAL	0.63	2.89	2.26	---	2.55	4.33	2.14	1.58	4.73	3.43	2.14	0.68



LOCATION.--Lat 35°03'51", long 80°45'41", Mecklenburg County, Hydrologic Unit 03050103, Fire Station 9, McKee Road, Charlotte, NC.

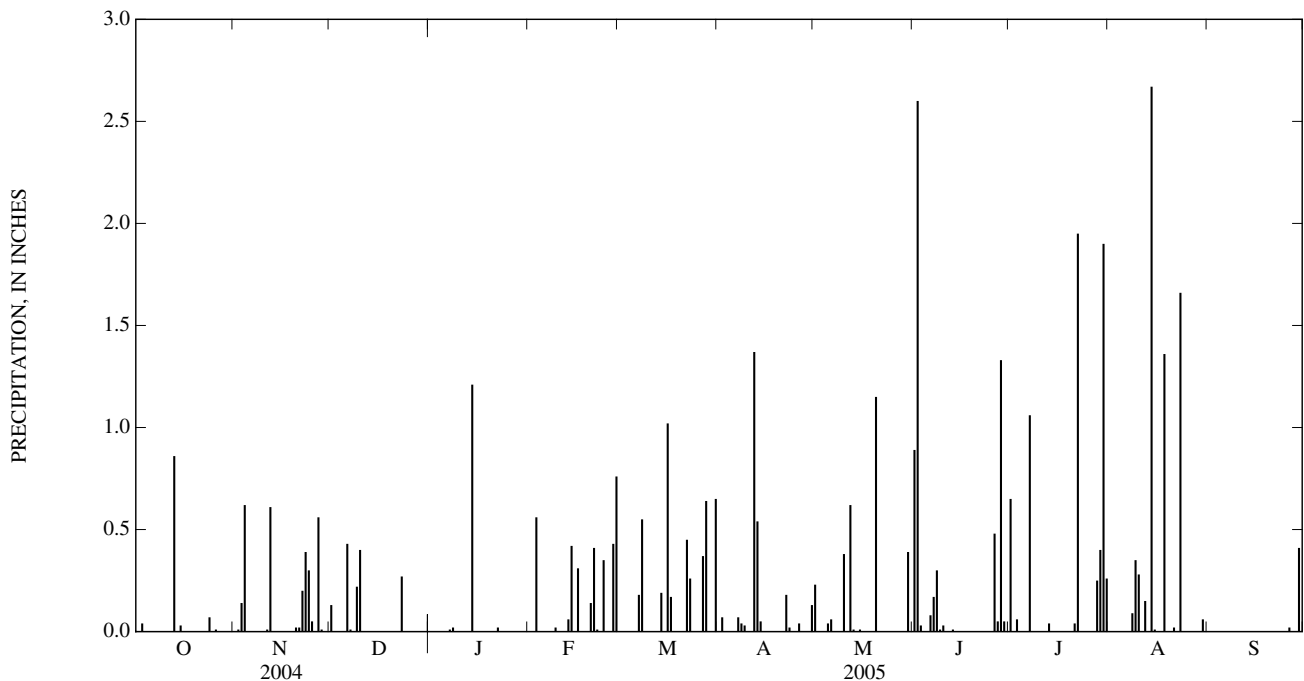
PERIOD OF RECORD.--October 1992 to current year. Records for period October 1992 to September 1998 published in USGS OFR 96-150, 98-67, and 99-273.

GAGE.--Tipping-bucket raingage and electronic datalogger. Radio telemetry at station.

REMARKS.--Gage is operated as part of Charlotte/Mecklenburg Rainfall Runoff Network. Collection of frozen precipitation during January 2005 is not reflected in daily or monthly totals.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.23	0.89	0.65	0.00	0.00
2	0.00	0.01	0.00	0.00	0.00	0.00	0.07	0.00	2.60	0.00	0.00	0.00
3	0.04	0.14	0.00	0.00	0.56	0.00	0.00	0.00	0.03	0.06	0.00	0.00
4	0.00	0.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00
6	0.00	0.00	0.43	0.00	0.00	0.00	0.00	0.06	0.08	0.00	0.00	0.00
7	0.00	0.00	0.01	0.01	0.00	0.18	0.07	0.00	0.17	1.06	0.00	0.00
8	0.00	0.00	0.00	0.02	0.00	0.55	0.04	0.00	0.30	0.00	0.09	0.00
9	0.00	0.00	0.22	0.00	0.02	0.00	0.03	0.00	0.01	0.00	0.35	---
10	0.00	0.00	0.40	0.00	0.00	0.00	0.00	0.38	0.03	0.00	0.28	---
11	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---
12	0.00	0.61	0.00	0.00	0.00	0.00	1.37	0.62	0.00	0.00	0.15	---
13	0.86	0.00	0.00	0.00	0.06	0.00	0.54	0.01	0.01	0.04	0.00	---
14	0.00	0.00	0.00	1.21	0.42	0.19	0.05	0.00	0.00	0.00	2.67	---
15	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00
16	0.00	0.00	0.00	0.00	0.31	1.02	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.36	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.02	0.00	0.00	0.14	0.00	0.00	1.15	0.00	0.00	0.00	0.00
21	0.00	0.02	0.00	0.00	0.41	0.00	0.00	0.00	0.00	0.04	0.02	0.00
22	0.00	0.20	0.00	0.02	0.01	0.45	0.18	0.00	0.00	1.95	0.00	0.00
23	0.00	0.39	0.27	0.00	0.00	0.26	0.02	0.00	0.00	0.00	1.66	0.00
24	0.07	0.30	0.00	0.00	0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.01	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.48	0.00	0.00	0.02
27	0.00	0.56	0.00	0.00	0.43	0.37	0.00	0.00	0.05	0.00	0.00	0.00
28	0.00	0.01	0.00	0.00	0.76	0.64	0.00	0.00	1.33	0.25	0.00	0.00
29	0.00	0.00	0.00	---	---	0.00	0.00	0.00	0.05	0.40	0.00	0.41
30	0.00	0.00	0.00	---	---	0.00	0.13	0.39	0.00	1.90	0.06	0.00
31	0.00	---	0.00	0.00	---	0.65	---	0.00	---	0.26	0.00	---
TOTAL	1.01	2.94	1.46	---	3.47	4.48	2.54	2.89	6.03	6.61	6.65	---



350314080484945 CRN08

LOCATION.--Lat 35°03'22", long 80°48'51", Mecklenburg County, Hydrologic Unit 03050103, St. Matthews Catholic Church, Ballantyne Commons Parkway, Charlotte, NC.

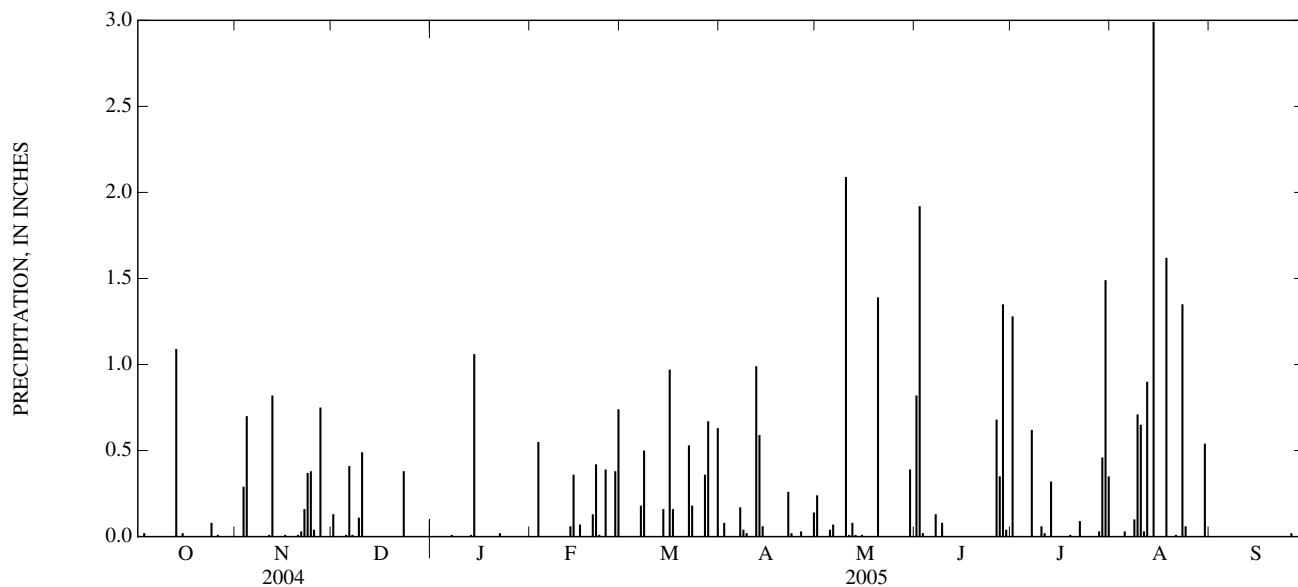
PERIOD OF RECORD.--October 1992 to current year. Records for period October 1992 to September 1998 published in USGS OFR 96-150, 98-67, and 99-273. Records for August 4, 1994 to August 15, 2001 at site Tipton Rest Home, Charlotte, NC. Records for October 1992 to August 4, 1994 at site McAlpine Creek Elementary School, Charlotte, NC (station 350458080493245).

GAGE.--Tipping-bucket raingage and electronic datalogger. Radio telemetry at station. Prior to August 16, 2001, gage located on Elm Lane at intersection of Providence Road West, Charlotte.

REMARKS.--Gage is operated as part of Charlotte/Mecklenburg Rainfall Runoff Network. Collection of frozen precipitation during January 2005 is not reflected in daily or monthly totals.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.24	0.82	1.28	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00	1.92	0.00	0.00	0.00
3	0.02	0.29	0.00	0.00	0.55	0.00	0.00	0.00	0.02	0.00	0.00	0.00
4	0.00	0.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.03	0.00
6	0.00	0.00	0.41	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00
7	0.00	0.00	0.01	0.01	0.00	0.18	0.17	0.00	0.13	0.62	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.50	0.04	0.00	0.00	0.00	0.10	0.00
9	0.00	0.00	0.11	0.00	0.00	0.00	0.02	0.00	0.08	0.00	0.71	0.00
10	0.00	0.00	0.49	0.00	0.00	0.00	0.00	2.09	0.00	0.06	0.65	0.00
11	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.02	0.03	0.00
12	0.00	0.82	0.00	0.00	0.00	0.00	0.99	0.08	0.00	0.00	0.90	0.00
13	1.09	0.00	0.00	0.01	0.06	0.00	0.59	0.01	0.00	0.32	0.00	0.00
14	0.00	0.00	0.00	1.06	0.36	0.16	0.06	0.00	0.00	0.00	2.99	0.00
15	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
16	0.00	0.01	0.00	0.00	0.07	0.97	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.62	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
20	0.00	0.01	0.00	0.00	0.13	0.00	0.00	1.39	0.00	0.00	0.00	0.00
21	0.00	0.03	0.00	0.00	0.42	0.00	0.00	0.00	0.00	0.00	0.01	0.00
22	0.00	0.16	0.00	0.02	0.01	0.53	0.26	0.00	0.00	0.09	0.00	0.00
23	0.00	0.37	0.38	0.00	0.00	0.18	0.02	0.00	0.00	0.00	1.35	0.00
24	0.08	0.38	0.00	0.00	0.39	0.00	0.00	0.00	0.00	0.00	0.06	0.00
25	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.01	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.68	0.00	0.00	0.02
27	0.00	0.75	0.00	0.00	0.38	0.36	0.00	0.00	0.35	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.74	0.67	0.00	0.00	1.35	0.03	0.00	0.00
29	0.00	0.00	0.00	---	---	0.00	0.00	0.00	0.04	0.46	0.00	0.12
30	0.00	0.00	0.00	---	---	0.00	0.14	0.39	0.00	1.49	0.54	0.00
31	0.00	---	0.00	0.00	---	0.63	---	0.00	---	0.35	0.00	---
TOTAL	1.22	3.57	1.54	---	3.11	4.34	2.40	4.33	5.39	4.73	8.99	0.14



LOCATION.--Lat 35°14'15", long 80°46'31", Mecklenburg County, Hydrologic Unit 03050103, Fire Station 15, Frontenac Road, Charlotte, NC.

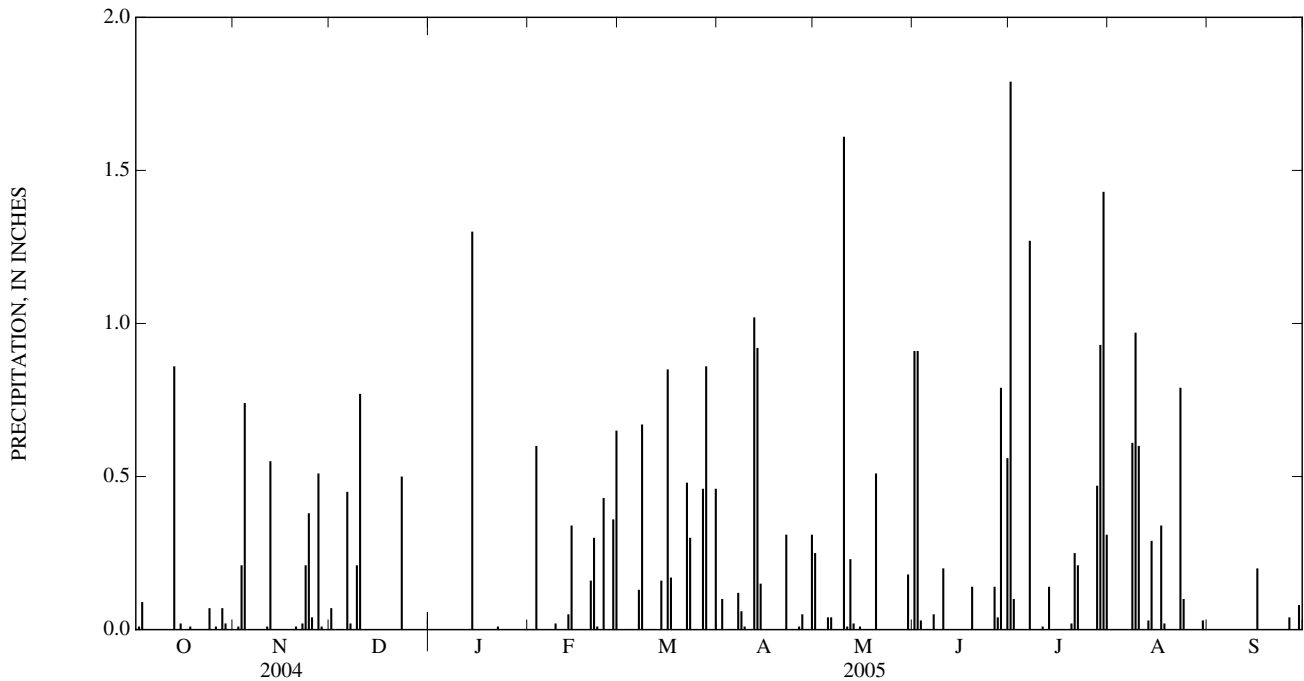
PERIOD OF RECORD.--November 1992 to current year. Records for period November 1992 to September 1998 published in USGS OFR 96-150, 98-67, and 99-273.

GAGE.--Tipping-bucket raingage and electronic datalogger. Radio telemetry at station.

REMARKS.--Gage is operated as part of Charlotte/Mecklenburg Rainfall Runoff Network. Collection of frozen precipitation during January 2005 is not reflected in daily or monthly totals.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.25	0.91	1.79	0.00	0.00
2	0.01	0.01	0.00	0.00	0.00	0.00	0.10	0.00	0.91	0.10	0.00	0.00
3	0.09	0.21	0.00	0.00	0.60	0.00	0.00	0.00	0.03	0.00	0.00	0.00
4	0.00	0.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00
6	0.00	0.00	0.45	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00
7	0.00	0.00	0.02	0.00	0.00	0.13	0.12	0.00	0.05	1.27	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.67	0.06	0.00	0.00	0.00	0.61	0.00
9	0.00	0.00	0.21	0.00	0.02	0.00	0.01	0.00	0.00	0.00	0.97	0.00
10	0.00	0.00	0.77	0.00	0.00	0.00	0.00	1.61	0.20	0.00	0.60	0.00
11	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00
12	0.00	0.55	0.00	0.00	0.00	0.00	1.02	0.23	0.00	0.00	0.00	0.00
13	0.86	0.00	0.00	0.00	0.05	0.00	0.92	0.02	0.00	0.14	0.03	0.00
14	0.00	0.00	0.00	1.30	0.34	0.16	0.15	0.00	0.00	0.00	0.29	0.00
15	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.85	0.00	0.00	0.00	0.00	0.00	0.20
17	0.00	0.00	0.00	0.00	0.00	0.17	0.00	0.00	0.00	0.00	0.34	0.00
18	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00
20	0.00	0.01	0.00	0.00	0.16	0.00	0.00	0.51	0.00	0.02	0.00	0.00
21	0.00	0.00	0.00	0.00	0.30	0.00	0.00	0.00	0.00	0.25	0.00	0.00
22	0.00	0.02	0.00	0.01	0.01	0.48	0.31	0.00	0.00	0.21	0.00	0.00
23	0.00	0.21	0.50	0.00	0.00	0.30	0.00	0.00	0.00	0.00	0.79	0.00
24	0.07	0.38	0.00	0.00	0.43	0.00	0.00	0.00	0.00	0.00	0.10	0.00
25	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.14	0.00	0.00	0.04
27	0.00	0.51	0.00	0.00	0.36	0.46	0.05	0.00	0.04	0.00	0.00	0.00
28	0.07	0.01	0.00	0.00	0.65	0.86	0.00	0.00	0.79	0.47	0.00	0.00
29	0.02	0.00	0.00	---	---	0.00	0.00	0.00	0.00	0.93	0.00	0.08
30	0.00	0.00	0.00	---	---	0.00	0.31	0.18	0.56	1.43	0.03	0.00
31	0.00	---	0.00	0.00	---	0.46	---	0.00	---	0.31	0.00	---
TOTAL	1.16	2.70	2.02	---	2.92	4.54	3.06	2.90	3.77	6.93	3.78	0.32



351331080525945 CRN11

LOCATION.--Lat 35°13'29", long 80°53'14", Mecklenburg County, Hydrologic Unit 03050103, Fire Station 10, Wilkinson Boulevard, Charlotte, NC.

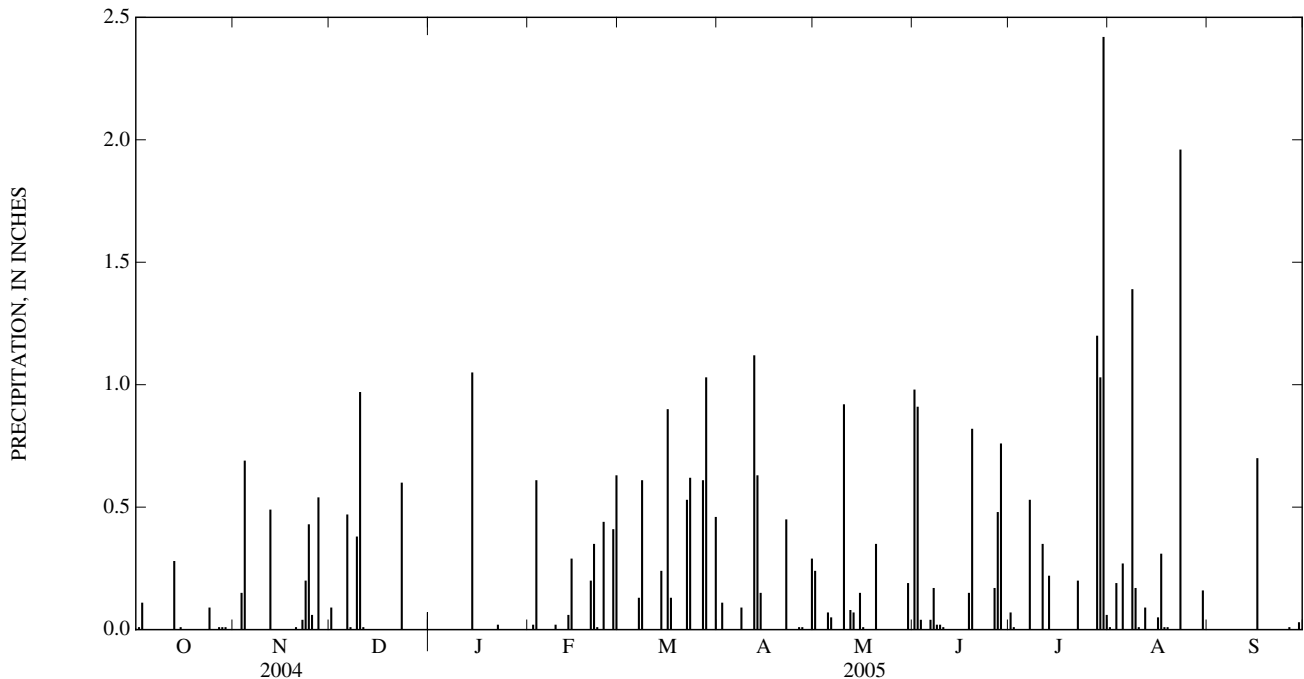
PERIOD OF RECORD.--November 1992 to current year. Records for period November 1992 to September 1998 published in USGS OFR 96-150, 98-67, and 99-273.

GAGE.--Tipping-bucket raingage and electronic datalogger. Radio telemetry at station.

REMARKS.--Gage is operated as part of Charlotte/Mecklenburg Rainfall Runoff Network. Collection of frozen precipitation during January 2005 is not reflected in daily or monthly totals.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.24	0.98	0.07	0.01	0.00
2	0.01	0.00	0.00	0.00	0.02	0.00	0.11	0.00	0.91	0.01	0.00	0.00
3	0.11	0.15	0.00	0.00	0.61	0.00	0.00	0.00	0.04	0.00	0.19	0.00
4	0.00	0.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.27	0.00
6	0.00	0.00	0.47	0.00	0.00	0.00	---	0.05	0.04	0.00	0.00	0.00
7	0.00	0.00	0.01	0.00	0.00	0.13	---	0.00	0.17	0.53	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.61	0.09	0.00	0.02	0.00	1.39	0.00
9	0.00	0.00	0.38	0.00	0.02	0.00	0.00	0.00	0.02	0.00	0.17	0.00
10	0.00	0.00	0.97	0.00	0.00	0.00	0.00	0.92	0.01	0.00	0.01	0.00
11	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.35	0.00	0.00
12	0.00	0.49	0.00	0.00	0.00	0.00	1.12	0.08	0.00	0.00	0.09	0.00
13	0.28	0.00	0.00	0.00	0.06	0.00	0.63	0.07	0.00	0.22	0.00	0.00
14	0.00	0.00	0.00	1.05	0.29	0.24	0.15	0.00	0.00	0.00	0.00	0.00
15	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.90	0.00	0.01	0.00	0.00	0.05	0.70
17	0.00	0.00	0.00	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.31	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.00	0.01	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.82	0.00	0.01	0.00
20	0.00	0.01	0.00	0.00	0.20	0.00	0.00	0.35	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.04	0.00	0.02	0.01	0.53	0.45	0.00	0.00	0.20	0.00	0.00
23	0.00	0.20	0.60	0.00	0.00	0.62	0.00	0.00	0.00	0.00	1.96	0.00
24	0.09	0.43	0.00	0.00	0.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.17	0.00	0.00	0.01
27	0.01	0.54	0.00	0.00	0.41	0.61	0.01	0.00	0.48	0.00	0.00	0.00
28	0.01	0.00	0.00	0.00	0.63	1.03	0.00	0.00	0.76	1.20	0.00	0.00
29	0.01	0.00	0.00	---	---	0.00	0.00	0.00	0.00	1.03	0.00	0.03
30	0.00	0.00	0.00	---	---	0.00	0.29	0.19	0.00	2.42	0.16	0.00
31	0.00	---	0.00	0.00	---	0.46	---	0.00	---	0.06	0.00	---
TOTAL	0.53	2.61	2.53	---	3.04	5.26	---	2.13	4.57	6.09	4.63	0.74



LOCATION.--Lat 35°08'24", long 80°50'51", Mecklenburg County, Hydrologic Unit 03050103, Fire Station 16, Park South Drive, Charlotte, NC.

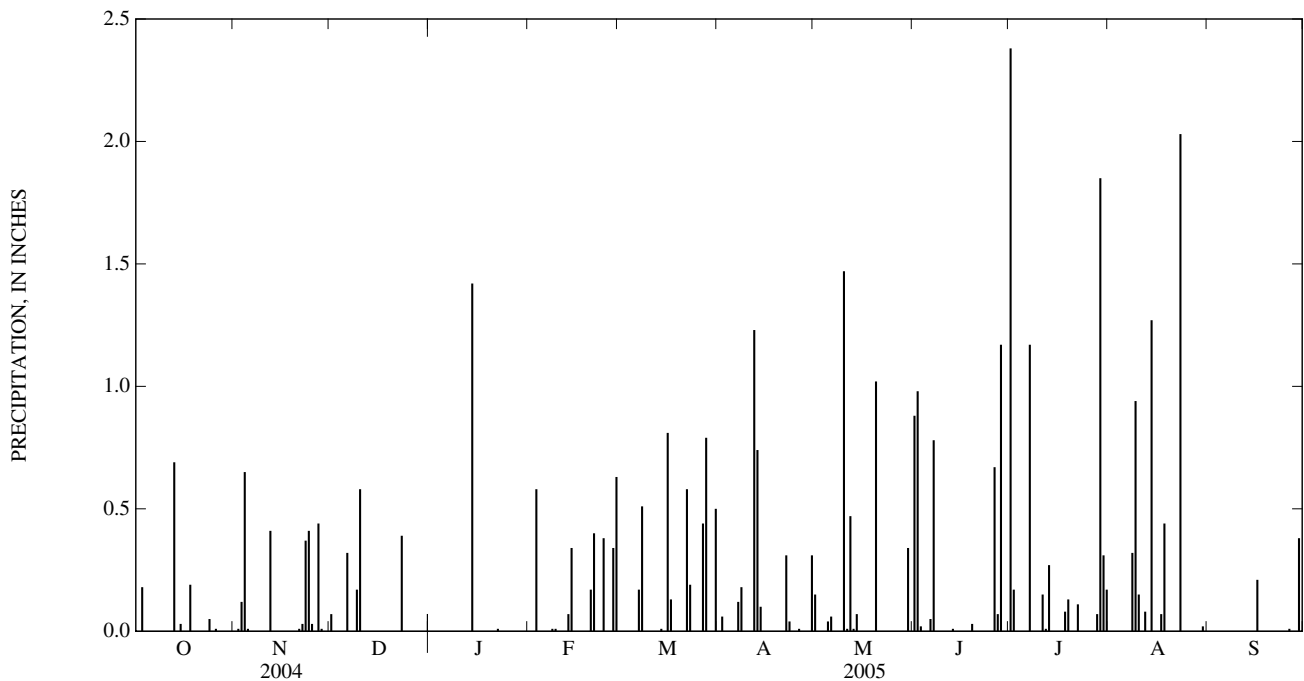
PERIOD OF RECORD.--March 1993 to current year. Records for period March 1993 to September 1998 published in USGS OFR 96-150, 98-67, and 99-273.

GAGE.--Tipping-bucket raingage and electronic datalogger. Radio telemetry at station.

REMARKS.--Gage is operated as part of Charlotte/Mecklenburg Rainfall Runoff Network. Collection of frozen precipitation during January 2005 is not reflected in daily or monthly totals.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.15	0.88	2.38	0.00	0.00
2	0.00	0.01	0.00	0.00	0.00	0.00	0.06	0.00	0.98	0.17	0.00	0.00
3	0.18	0.12	0.00	0.00	0.58	0.00	0.00	0.00	0.02	0.00	0.00	0.00
4	0.00	0.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00
6	0.00	0.00	0.32	0.00	0.00	0.00	0.00	0.06	0.05	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.17	0.12	0.00	0.78	1.17	0.00	0.00
8	0.00	0.00	0.00	0.00	0.01	0.51	0.18	0.00	0.00	0.00	0.32	0.00
9	0.00	0.00	0.17	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.94	0.00
10	0.00	0.00	0.58	0.00	0.00	0.00	0.00	1.47	0.00	0.00	0.15	0.00
11	0.00	---	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.15	0.00	0.00
12	0.00	0.41	0.00	0.00	0.00	0.00	1.23	0.47	0.00	0.01	0.08	0.00
13	0.69	0.00	0.00	0.00	0.07	0.00	0.74	0.01	0.01	0.27	0.00	0.00
14	0.00	0.00	0.00	1.42	0.34	0.01	0.10	0.07	0.00	0.00	1.27	0.00
15	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.81	0.00	0.00	0.00	0.00	0.00	0.21
17	0.00	0.00	0.00	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.07	0.00
18	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.44	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.13	0.00	0.00
20	0.00	0.00	0.00	0.00	0.17	0.00	0.00	1.02	0.00	0.00	0.00	0.00
21	0.00	0.01	0.00	0.00	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.03	0.00	0.01	0.00	0.58	0.31	0.00	0.00	0.11	0.00	0.00
23	0.00	0.37	0.39	0.00	0.00	0.19	0.04	0.00	0.00	0.00	2.03	0.00
24	0.05	0.41	0.00	0.00	0.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.67	0.00	0.00	0.01
27	0.00	0.44	0.00	0.00	0.34	0.44	0.00	0.00	0.07	0.00	0.00	0.00
28	0.00	0.01	0.00	0.00	0.63	0.79	0.00	0.00	1.17	0.07	0.00	0.00
29	0.00	0.00	0.00	---	---	0.00	0.00	0.00	0.00	1.85	0.00	0.38
30	0.00	0.00	0.00	---	---	0.00	0.31	0.34	0.00	0.31	0.02	0.00
31	0.00	---	0.00	0.00	---	0.50	---	0.00	---	0.17	0.00	---
TOTAL	1.15	---	1.53	---	2.93	4.13	3.10	3.64	4.66	6.87	5.32	0.60



350947080524945 CRN13

LOCATION.--Lat 35°09'47", long 80°52'49", Mecklenburg County, Hydrologic Unit 03050103, U.S. Geological Survey Office, Tyvola Road, Charlotte, NC.

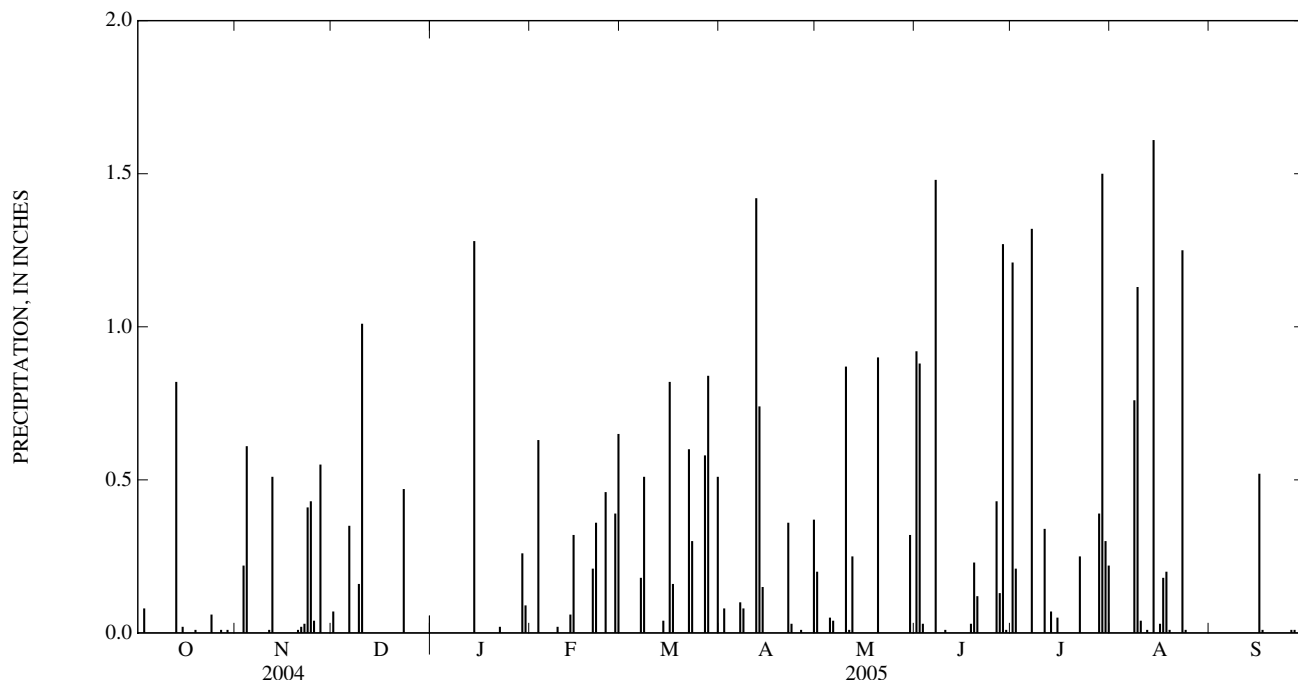
PERIOD OF RECORD.--May 1993 to current year. Records for period May 1993 to September 1998 published in USGS OFR 96-150, 98-67, and 99-273.

GAGE.--Heated tipping-bucket raingage and electronic datalogger. Radio telemetry at station.

REMARKS.--Gage is operated as part of Charlotte/Mecklenburg Rainfall Runoff Network.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.20	0.92	1.21	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.88	0.21	0.00	0.00
3	0.08	0.22	0.00	0.00	0.63	0.00	0.00	0.00	0.03	0.00	0.00	0.00
4	0.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00
6	0.00	0.00	0.35	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.18	0.10	0.00	1.48	1.32	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.51	0.08	0.00	0.00	0.00	0.76	0.00
9	0.00	0.00	0.16	0.00	0.02	0.00	0.00	0.00	0.00	0.00	1.13	0.00
10	0.00	0.00	1.01	0.00	0.00	0.00	0.00	0.87	0.01	0.00	0.04	0.00
11	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.34	0.00	0.00
12	0.00	0.51	0.00	0.00	0.00	0.00	1.42	0.25	0.00	0.00	0.01	0.00
13	0.82	0.00	0.00	0.00	0.06	0.00	0.74	0.00	0.00	0.07	0.00	0.00
14	0.00	0.00	0.00	1.28	0.32	0.04	0.15	0.00	0.00	0.00	1.61	0.00
15	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.82	0.00	0.00	0.00	0.00	0.03	0.52
17	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.18	0.01
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.20	0.00
19	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.00	0.01	0.00
20	0.00	0.01	0.00	0.00	0.21	0.00	0.00	0.90	0.12	0.00	0.00	0.00
21	0.00	0.02	0.00	0.00	0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.03	0.00	0.02	0.00	0.60	0.36	0.00	0.00	0.25	0.00	0.00
23	0.00	0.41	0.47	0.00	0.00	0.30	0.03	0.00	0.00	0.00	1.25	0.00
24	0.06	0.43	0.00	0.00	0.46	0.00	0.00	0.00	0.00	0.00	0.01	0.00
25	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.43	0.00	0.00	0.01
27	0.01	0.55	0.00	0.00	0.39	0.58	0.00	0.00	0.13	0.00	0.00	0.01
28	0.00	0.00	0.00	0.00	0.65	0.84	0.00	0.00	1.27	0.39	0.00	0.00
29	0.01	0.00	0.00	0.26	---	0.00	0.00	0.00	0.01	1.50	0.00	0.39
30	0.00	0.00	0.00	0.09	---	0.00	0.37	0.32	0.00	0.30	0.00	0.00
31	0.00	---	0.00	0.00	---	0.51	---	0.00	---	0.22	0.00	---
TOTAL	1.01	2.84	2.06	1.65	3.10	4.54	3.34	2.64	5.54	5.86	5.23	0.94



LOCATION.--Lat 35°15'53", long 80°56'23", Mecklenburg County, Hydrologic Unit 03050101, Fire Station 21, Little Rock Road, Charlotte, NC.

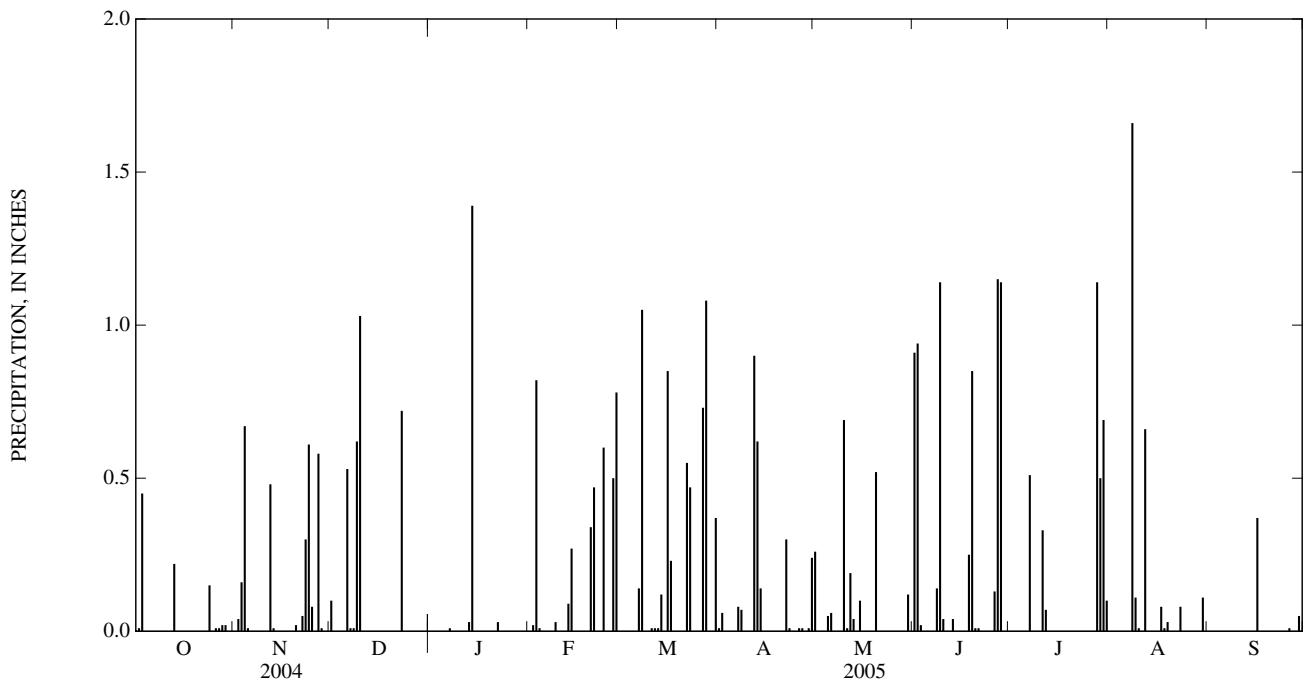
PERIOD OF RECORD.--March 1993 to current year. Records for period March 1993 to September 1998 published in USGS OFR 96-150, 98-67, and 99-273.

GAGE.--Tipping-bucket raingage and electronic datalogger. Radio telemetry at station.

REMARKS.--Gage is operated as part of Charlotte/Mecklenburg Rainfall Runoff Network. Collection of frozen precipitation during January 2005 is not reflected in daily or monthly totals.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.10	0.00	0.00	0.00	0.01	0.26	0.91	0.00	0.00	0.00
2	0.01	0.04	0.00	0.00	0.02	0.00	0.06	0.00	0.94	0.00	0.00	0.00
3	0.45	0.16	0.00	0.00	0.82	0.00	0.00	0.00	0.02	0.00	0.00	0.00
4	0.00	0.67	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00
6	0.00	0.00	0.53	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00
7	0.00	0.00	0.01	0.01	0.00	0.14	0.08	0.00	0.00	0.51	0.00	0.00
8	0.00	0.00	0.01	0.00	0.00	1.05	0.07	0.00	0.14	0.00	1.66	0.00
9	0.00	0.00	0.62	0.00	0.03	0.00	0.00	0.00	1.14	0.00	0.11	0.00
10	0.00	0.00	1.03	0.00	0.00	0.00	0.00	1.69	0.04	0.00	0.01	0.00
11	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.33	0.00	0.00
12	0.00	0.48	0.00	0.00	0.00	0.01	0.90	0.19	0.00	0.07	0.66	0.00
13	0.22	0.01	0.00	0.03	0.09	0.01	0.62	0.04	0.04	0.00	0.00	0.00
14	0.00	0.00	0.00	1.39	0.27	0.12	0.14	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.85	0.00	0.00	0.00	0.00	0.00	0.37
17	0.00	0.00	0.00	0.00	0.00	0.23	0.00	0.00	0.00	0.00	0.08	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.01	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.85	0.00	0.03	0.00
20	0.00	0.02	0.00	0.00	0.34	0.00	0.00	0.52	0.01	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.47	0.00	0.00	0.00	0.01	0.00	0.00	0.00
22	0.00	0.05	0.00	0.03	0.00	0.55	0.30	0.00	0.00	0.00	0.00	0.00
23	0.00	0.30	0.72	0.00	0.00	0.47	0.01	0.00	0.00	0.00	0.08	0.00
24	0.15	0.61	0.00	0.00	0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.13	0.00	0.00	0.01
27	0.01	0.58	0.00	0.00	0.50	0.73	0.01	0.00	1.15	0.00	0.00	0.00
28	0.02	0.01	0.00	0.00	0.78	1.08	0.00	0.00	1.14	1.14	0.00	0.00
29	0.02	0.00	0.00	---	---	0.00	0.01	0.00	0.00	0.50	0.00	0.05
30	0.00	0.00	0.00	---	---	0.00	0.24	0.12	0.00	0.69	0.11	0.00
31	0.00	---	0.00	---	---	0.37	---	0.00	---	0.10	0.00	---
TOTAL	0.89	3.02	3.02	---	3.93	5.62	2.46	2.04	6.77	3.34	2.75	0.43



351320080502645 CRN15

LOCATION.--Lat 35°13'17", long 80°50'23", Mecklenburg County, Hydrologic Unit 03050103, Charlotte Mecklenburg Government Center, East Fourth Street, Charlotte, NC.

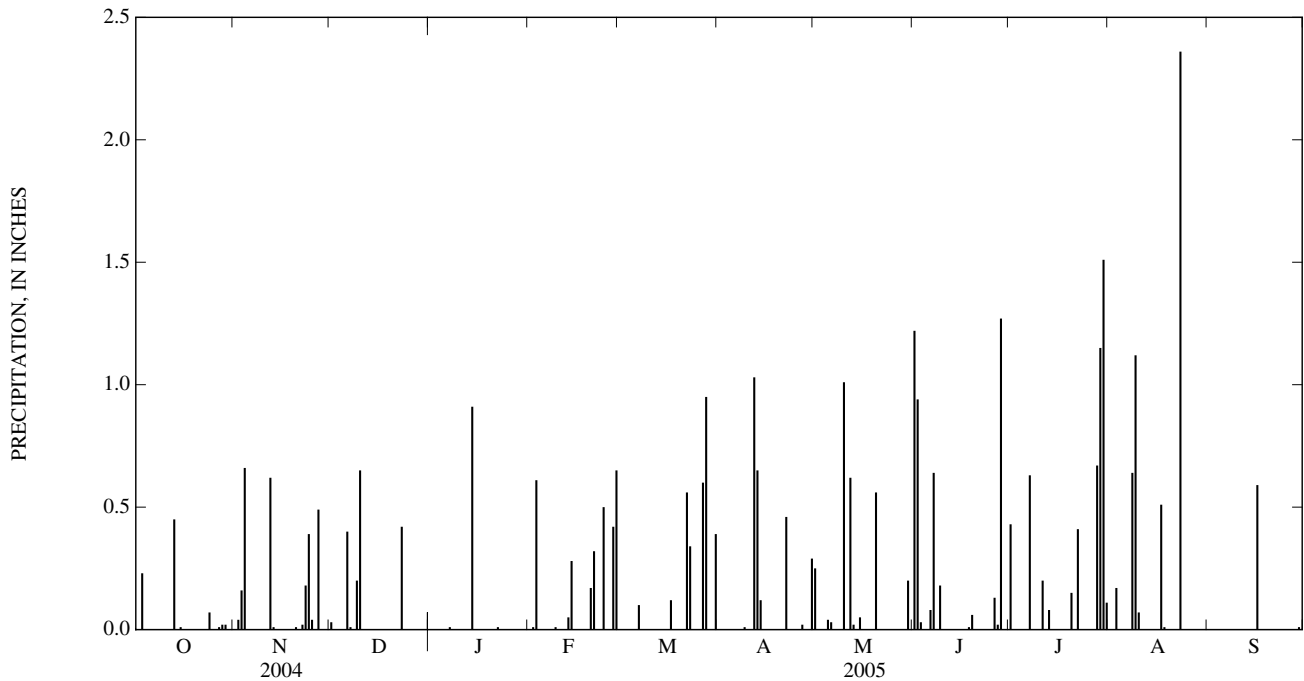
PERIOD OF RECORD.--March 1993 to current year. Records for period March 1993 to September 1998 published in USGS OFR 96-150, 98-67, and 99-273.

GAGE.--Tipping-bucket raingage and electronic datalogger. Radio telemetry at station.

REMARKS.--Gage is operated as part of Charlotte/Mecklenburg Rainfall Runoff Network. Collection of frozen precipitation during January 2005 is not reflected in daily or monthly totals.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.03	0.00	0.00	0.00	---	0.25	1.22	0.43	0.00	0.00
2	0.00	0.04	0.00	0.00	0.01	0.00	---	0.00	0.94	0.00	0.00	0.00
3	0.23	0.16	0.00	0.00	0.61	0.00	---	0.00	0.03	0.00	0.17	0.00
4	0.00	0.66	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00
6	0.00	0.00	0.40	0.00	0.00	0.00	---	0.03	0.08	0.00	0.00	0.00
7	0.00	0.00	0.01	0.01	0.00	0.10	---	0.00	0.64	0.63	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	---	---	0.00	0.00	0.00	0.64	0.00
9	0.00	0.00	0.20	0.00	0.01	---	0.01	0.00	0.18	0.00	1.12	0.00
10	0.00	0.00	0.65	0.00	0.00	---	0.00	1.01	0.00	0.00	0.07	0.00
11	0.00	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.20	0.00	0.00
12	0.00	0.62	0.00	0.00	0.00	---	1.03	0.62	0.00	0.00	0.00	0.00
13	0.45	0.01	0.00	0.00	0.05	---	0.65	0.02	0.00	0.08	0.00	0.00
14	0.00	0.00	0.00	0.91	0.28	---	0.12	0.00	0.00	0.00	0.00	0.00
15	0.01	0.00	0.00	0.00	0.00	---	0.00	0.05	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.59
17	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.51	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00
20	0.00	0.01	0.00	0.00	0.17	0.00	0.00	0.56	0.00	0.15	0.00	0.00
21	0.00	0.00	0.00	0.00	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.02	0.00	0.01	0.00	0.56	0.46	0.00	0.00	0.41	0.00	0.00
23	0.00	0.18	0.42	0.00	0.00	0.34	0.00	0.00	0.00	0.00	2.36	0.00
24	0.07	0.39	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.00	0.00	0.00
27	0.01	0.49	0.00	0.00	0.42	0.60	0.02	0.00	0.02	0.00	0.00	0.00
28	0.02	0.00	0.00	0.00	0.65	0.95	0.00	0.00	1.27	0.67	0.00	0.00
29	0.02	0.00	0.00	---	---	0.00	0.00	0.00	0.00	1.15	0.00	0.01
30	0.00	0.00	0.00	---	---	0.00	0.29	0.20	0.00	1.51	0.00	0.00
31	0.00	---	0.00	0.00	---	0.39	---	0.00	---	0.11	0.00	---
TOTAL	0.81	2.62	1.71	---	3.02	---	---	2.78	4.58	5.34	4.88	0.60



LOCATION.--Lat 35°10'25", long 80°43'50", Mecklenburg County, Hydrologic Unit 03050103, Piney Grove Elementary School, Eaglewind Drive, Charlotte, NC.

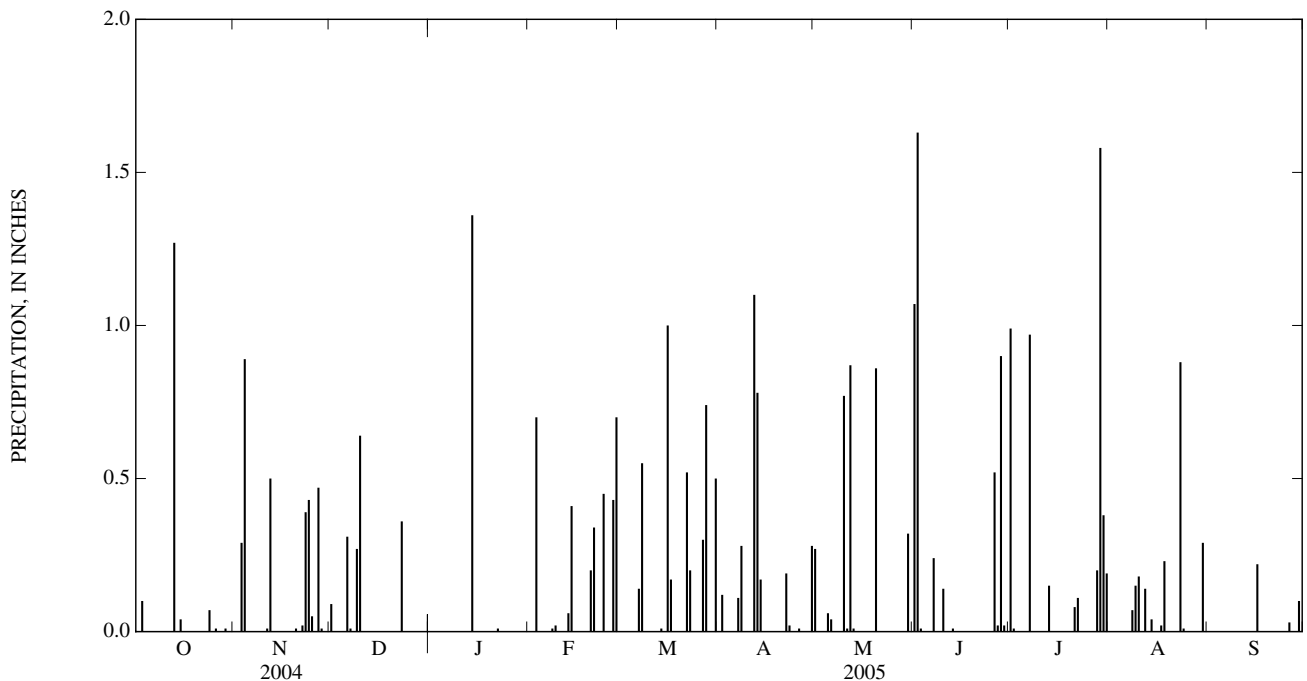
PERIOD OF RECORD.--March 1993 to current year. Records for period March 1993 to September 1998 published in USGS OFR 96-150, 98-67, and 99-273.

GAGE.--Tipping-bucket raingage and electronic datalogger. Radio telemetry at station.

REMARKS.--Gage is operated as part of Charlotte/Mecklenburg Rainfall Runoff Network. Collection of frozen precipitation during January 2005 is not reflected in daily or monthly totals.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.27	1.07	0.99	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.00	1.63	0.01	0.00	0.00
3	0.10	0.29	0.00	0.00	0.70	0.00	0.00	0.00	0.01	0.00	0.00	0.00
4	0.00	0.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00
6	0.00	0.00	0.31	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00
7	0.00	0.00	0.01	0.00	0.00	0.14	0.11	0.00	0.24	0.97	0.00	0.00
8	0.00	0.00	0.00	0.00	0.01	0.55	0.28	0.00	0.00	0.00	0.07	0.00
9	0.00	0.00	0.27	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.15	0.00
10	0.00	0.00	0.64	0.00	0.00	0.00	0.00	0.77	0.14	0.00	0.18	0.00
11	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
12	0.00	0.50	0.00	0.00	0.00	0.00	1.10	0.87	0.00	0.00	0.14	0.00
13	1.27	0.00	0.00	0.00	0.06	0.00	0.78	0.01	0.01	0.15	0.00	0.00
14	0.00	0.00	0.00	1.36	0.41	0.01	0.17	0.00	0.00	0.00	0.04	0.00
15	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.22
17	0.00	0.00	0.00	0.00	0.00	0.17	0.00	0.00	0.00	0.00	0.02	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.01	0.00	0.00	0.20	0.00	0.00	0.86	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.34	0.00	0.00	0.00	0.00	0.08	0.00	0.00
22	0.00	0.02	0.00	0.01	0.00	0.52	0.19	0.00	0.00	0.11	0.00	0.00
23	0.00	0.39	0.36	0.00	0.00	0.20	0.02	0.00	0.00	0.00	0.88	0.00
24	0.07	0.43	0.00	0.00	0.45	0.00	0.00	0.00	0.00	0.00	0.01	0.00
25	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.52	0.00	0.00	0.03
27	0.00	0.47	0.00	0.00	0.43	0.30	0.00	0.00	0.02	0.00	0.00	0.00
28	0.00	0.01	0.00	0.00	0.70	0.74	0.00	0.00	0.90	0.20	0.00	0.00
29	0.01	0.00	0.00	---	---	0.00	0.00	0.00	0.02	1.58	0.00	0.10
30	0.00	0.00	0.00	---	---	0.00	0.28	0.32	0.00	0.38	0.29	0.00
31	0.00	---	0.00	0.00	---	0.50	---	0.00	---	0.19	0.00	---
TOTAL	1.50	3.07	1.68	---	3.32	4.13	3.06	3.21	4.56	4.66	2.01	0.35



351132080504145 CRN19

LOCATION.--Lat 35°11'33", long 80°50'41", Mecklenburg County, Hydrologic Unit 03050103, Freedom Park, Cumberland Drive, Charlotte, NC.

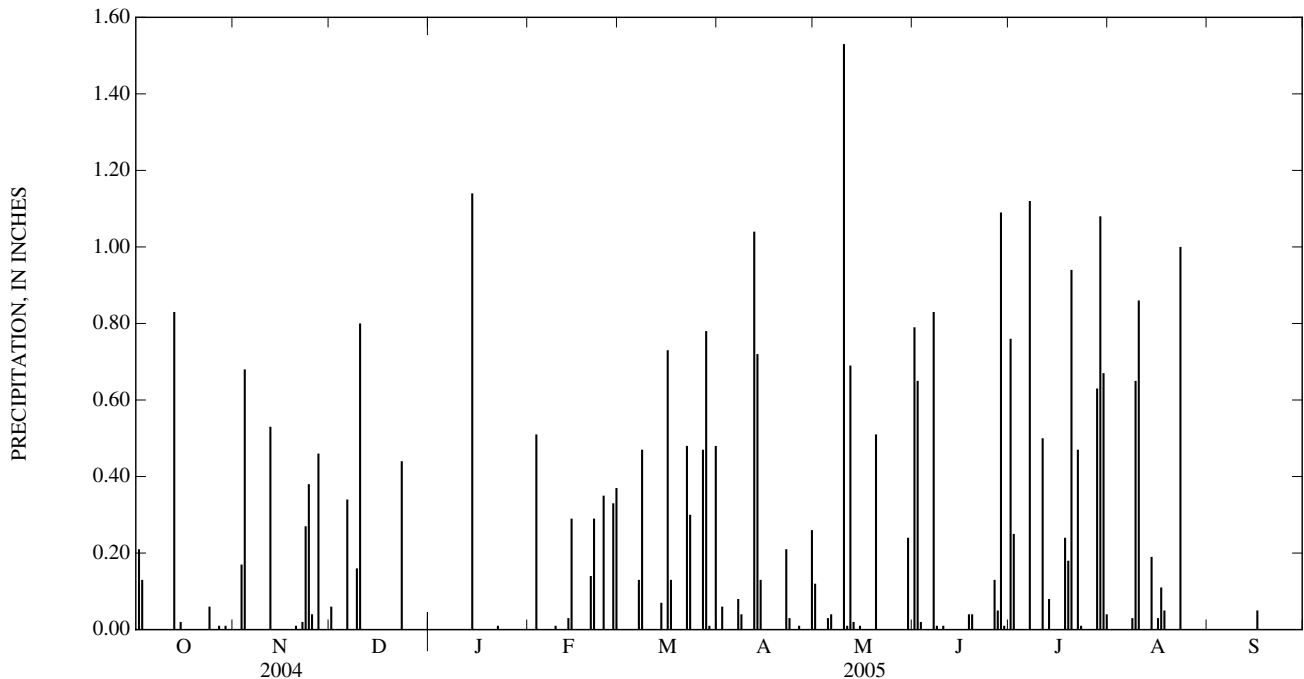
PERIOD OF RECORD.--September 1993 to current year. Records for period September 1993 to September 1998 published in USGS OFR 96-150, 98-67, and 99-273.

GAGE.--Tipping-bucket raingage and electronic datalogger. Radio telemetry at station.

REMARKS.--Gage is operated as part of Charlotte/Mecklenburg Rainfall Runoff Network. Collection of frozen precipitation during January 2005 is not reflected in daily or monthly totals.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.12	0.79	0.76	0.00	0.00
2	0.21	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.65	0.25	0.00	0.00
3	0.13	0.17	0.00	0.00	0.51	0.00	0.00	0.00	0.02	0.00	0.00	0.00
4	0.00	0.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00
6	0.00	0.00	0.34	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.13	0.08	0.00	0.83	1.12	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.47	0.04	0.00	0.01	0.00	0.03	0.00
9	0.00	0.00	0.16	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.65	0.00
10	0.00	0.00	0.80	0.00	0.00	0.00	0.00	1.53	0.01	0.00	0.86	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.50	0.00	0.00
12	0.00	0.53	0.00	0.00	0.00	0.00	1.04	0.69	0.00	0.00	0.00	0.00
13	0.83	0.00	0.00	0.00	0.03	0.00	0.72	0.02	0.00	0.08	0.00	0.00
14	0.00	0.00	0.00	1.14	0.29	0.07	0.13	0.00	0.00	0.00	0.19	0.00
15	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.73	0.00	0.00	0.00	0.00	0.03	0.05
17	0.00	0.00	0.00	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.11	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.24	0.05	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.18	0.00	0.00
20	0.00	0.01	0.00	0.00	0.14	0.00	0.00	0.51	0.00	0.94	0.00	0.00
21	0.00	0.00	0.00	0.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.02	0.00	0.01	0.00	0.48	0.21	0.00	0.00	0.47	0.00	0.00
23	0.00	0.27	0.44	0.00	0.00	0.30	0.03	0.00	0.00	0.01	1.00	0.00
24	0.06	0.38	0.00	0.00	0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.13	0.00	0.00	0.00
27	0.01	0.46	0.00	0.00	0.33	0.47	0.00	0.00	0.05	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.37	0.78	0.00	0.00	1.09	0.63	0.00	0.00
29	0.01	0.00	0.00	---	---	0.01	0.00	0.00	0.01	1.08	0.00	0.00
30	0.00	0.00	0.00	---	---	0.00	0.26	0.24	0.00	0.67	0.00	0.00
31	0.00	---	0.00	0.00	---	0.48	---	0.00	---	0.04	0.00	---
TOTAL	1.27	2.56	1.80	---	2.32	4.05	2.58	3.20	3.67	6.97	2.92	0.05



LOCATION.--Lat 35°10'33", long 80°47'51", Mecklenburg County, Hydrologic Unit 03050103, Fire Station 14, North Sharon Amity Road, Charlotte, NC.

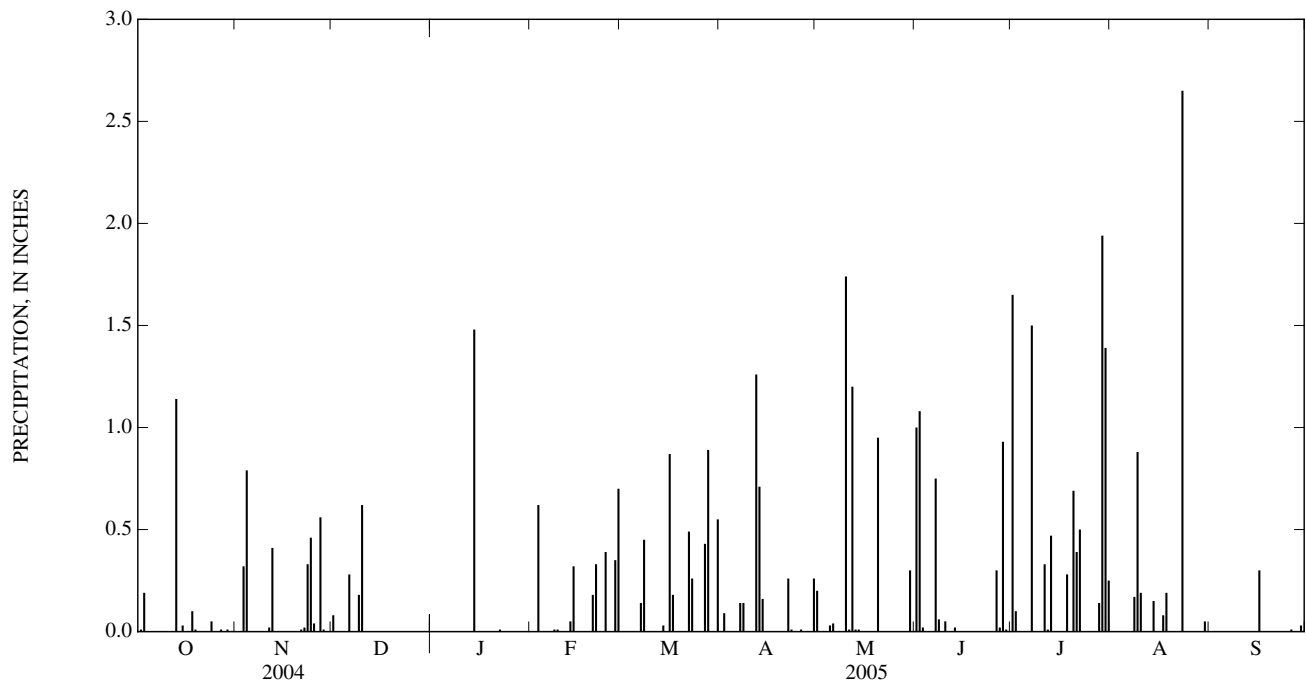
PERIOD OF RECORD.--September 1993 to current year. Records for period September 1993 to September 1998 published in USGS OFR 96-150, 98-67, and 99- 273.

GAGE.--Tipping-bucket raingage and electronic datalogger. Radio telemetry at station.

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PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.20	1.00	1.65	0.00	0.00
2	0.01	0.00	0.00	0.00	0.00	0.00	0.09	0.00	1.08	0.10	0.00	0.00
3	0.19	0.32	0.00	0.00	0.62	0.00	0.00	0.00	0.02	0.00	0.00	0.00
4	0.00	0.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00
6	0.00	0.00	0.28	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.14	0.14	0.00	0.75	1.50	0.00	0.00
8	0.00	0.00	0.00	0.00	0.01	0.45	0.14	0.00	0.06	0.00	0.17	0.00
9	0.00	0.00	0.18	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.88	0.00
10	0.00	0.00	0.62	0.00	0.00	0.00	0.00	1.74	0.05	0.00	0.19	0.00
11	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.33	0.00	0.00
12	0.00	0.41	0.00	0.00	0.00	0.00	1.26	1.20	0.00	0.01	0.00	0.00
13	1.14	0.00	0.00	0.00	0.05	0.00	0.71	0.01	0.02	0.47	0.00	0.00
14	0.00	0.00	0.00	1.48	0.32	0.03	0.16	0.01	0.00	0.00	0.15	0.00
15	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.87	0.00	0.00	0.00	0.00	0.00	0.30
17	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.00	0.00	0.08	0.00
18	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.28	0.19	0.00
19	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.95	0.00	0.69	0.00	0.00
21	0.00	0.01	0.00	0.00	0.33	0.00	0.00	0.00	0.00	0.39	0.00	0.00
22	0.00	0.02	---	0.01	0.00	0.49	0.26	0.00	0.00	0.50	0.00	0.00
23	0.00	0.33	---	0.00	0.00	0.26	0.01	0.00	0.00	0.00	2.65	0.00
24	0.05	0.46	0.00	0.00	0.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.30	0.00	0.00	0.01
27	0.01	0.56	0.00	0.00	0.35	0.43	0.00	0.00	0.02	0.00	0.00	0.00
28	0.00	0.01	0.00	0.00	0.70	0.89	0.00	0.00	0.93	0.14	0.00	0.00
29	0.01	0.00	0.00	---	---	0.00	0.00	0.00	0.01	1.94	0.00	0.03
30	0.00	0.00	0.00	---	---	0.00	0.26	0.30	0.00	1.39	0.05	0.00
31	0.00	---	0.00	0.00	---	0.55	---	0.00	---	0.25	0.00	---
TOTAL	1.55	2.97	---	---	2.96	4.29	3.04	4.49	4.24	9.64	4.36	0.34



350842080572801 CRN21

LOCATION.--Lat 35°09'13", long 80°57'21", Mecklenburg County, Hydrologic Unit 03050103, Kennedy Junior High School, Gallant Lane, Charlotte, NC.

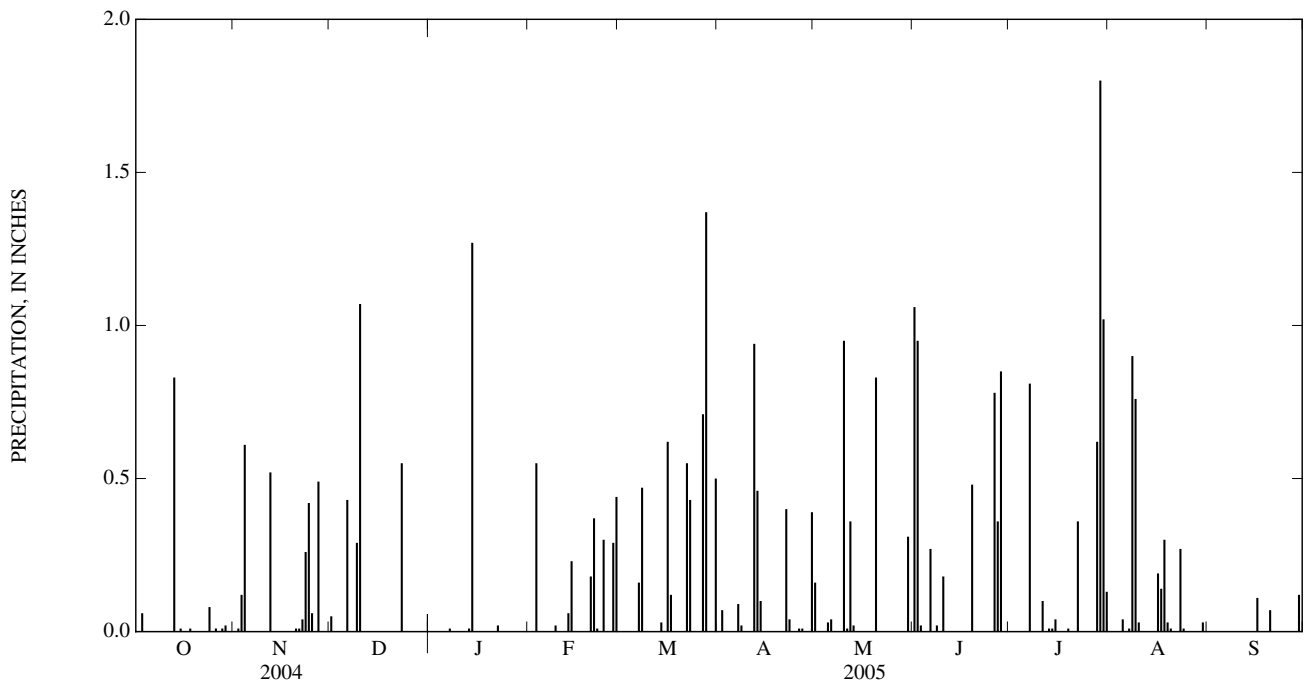
PERIOD OF RECORD.--September 1990 to current year. Records for period September 1990 to September 1998 published in USGS OFR 96-150, 98-67, and 99-273.

GAGE.--Tipping-bucket raingage and electronic datalogger. Radio telemetry at station.

REMARKS.--Gage is operated as part of Charlotte/Mecklenburg Rainfall Runoff Network. Collection of frozen precipitation during January 2005 is not reflected in daily or monthly totals.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.16	1.06	0.00	0.00	0.00
2	0.00	0.01	0.00	0.00	0.00	0.00	0.07	0.00	0.95	0.00	0.00	0.00
3	0.06	0.12	0.00	0.00	0.55	0.00	0.00	0.00	0.02	0.00	0.00	0.00
4	0.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.04	0.00
6	0.00	0.00	0.43	0.00	0.00	0.00	0.00	0.04	0.27	0.00	0.00	0.00
7	0.00	0.00	0.00	0.01	0.00	0.16	0.09	0.00	0.00	0.81	0.01	0.00
8	0.00	0.00	0.00	0.00	0.00	0.47	0.02	0.00	0.02	0.00	0.90	0.00
9	0.00	0.00	0.29	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.76	0.00
10	0.00	0.00	1.07	0.00	0.00	0.00	0.00	0.95	0.18	0.00	0.03	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.10	0.00	0.00
12	0.00	0.52	0.00	0.00	0.00	0.00	0.94	0.36	0.00	0.00	0.00	0.00
13	0.83	0.00	0.00	0.01	0.06	0.00	0.46	0.02	0.00	0.01	0.00	0.00
14	0.00	0.00	0.00	1.27	0.23	0.03	0.10	0.00	0.00	0.01	0.00	0.00
15	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.62	0.00	0.00	0.00	0.00	0.19	0.11
17	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.14	0.00
18	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.48	0.01	0.03	0.00
20	0.00	0.01	0.00	0.00	0.18	0.00	0.00	0.83	0.00	0.00	0.01	0.07
21	0.00	0.01	0.00	0.00	0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.04	0.00	0.02	0.01	0.55	0.40	0.00	0.00	0.36	0.00	0.00
23	0.00	0.26	0.55	0.00	0.00	0.43	0.04	0.00	0.00	0.00	0.27	0.00
24	0.08	0.42	0.00	0.00	0.30	0.00	0.00	0.00	0.00	0.00	0.01	0.00
25	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.78	0.00	0.00	0.00
27	0.00	0.49	0.00	0.00	0.29	0.71	0.01	0.00	0.36	0.00	0.00	0.00
28	0.01	0.00	0.00	0.00	0.44	1.37	0.00	0.00	0.85	0.62	0.00	0.00
29	0.02	0.00	0.00	---	---	0.00	0.00	0.00	0.00	1.80	0.00	0.12
30	0.00	0.00	0.00	---	---	0.00	0.39	0.31	0.00	1.02	0.03	0.00
31	0.00	---	0.00	0.00	---	0.50	---	0.00	---	0.13	0.00	---
TOTAL	1.03	2.55	2.39	---	2.45	4.96	2.53	2.71	4.97	4.91	2.72	0.30



LOCATION.--Lat 35°06'54", long 80°58'18", Mecklenburg County, Hydrologic Unit 03050103, Lake Wylie Elementary School, Erwin Road, Charlotte, NC.

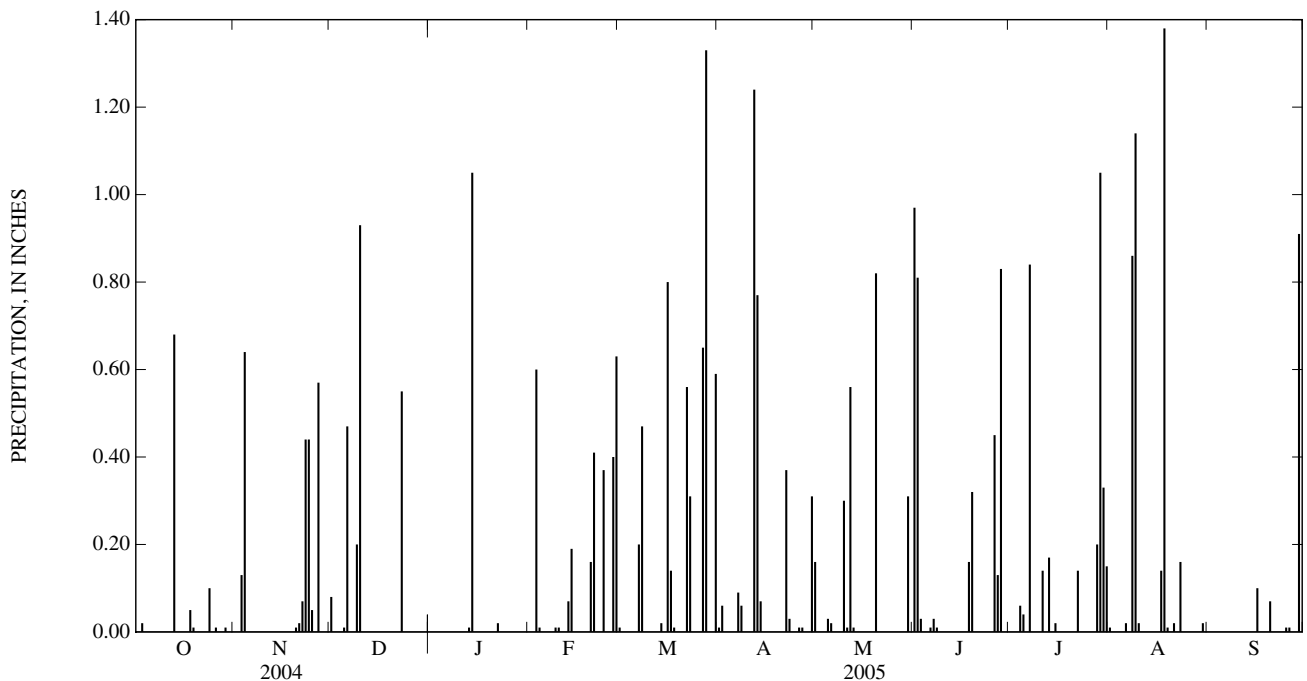
PERIOD OF RECORD.--September 1990 to current year. Records for period September 1990 to September 1998 published in USGS OFR 96-150, 98-67, and 99-273.

GAGE.--Tipping-bucket raingage and electronic datalogger. Radio telemetry at station. Prior to Aug. 23, 2000 gage located at private residence, Choate Circle, Charlotte, NC.

REMARKS.--Gage is operated as part of Charlotte/Mecklenburg Rainfall Runoff Network. Collection of frozen precipitation during January 2005 is not reflected in daily or monthly totals.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	---	0.08	0.00	0.00	0.01	0.01	0.16	0.97	0.00	0.01	0.00
2	0.00	---	0.00	0.00	0.00	0.00	0.06	0.00	0.81	0.00	0.00	0.00
3	0.02	0.13	0.00	0.00	0.60	0.00	0.00	0.00	0.03	0.00	0.00	0.00
4	0.00	0.64	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.06	0.00	0.00
5	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.03	0.00	0.04	0.00	0.00
6	0.00	---	0.47	0.00	0.00	0.00	0.00	0.02	0.01	0.00	0.02	0.00
7	0.00	---	0.00	0.00	0.00	0.20	0.09	0.00	0.03	0.84	0.00	0.00
8	0.00	---	0.00	0.00	0.00	0.47	0.06	0.00	0.01	0.00	0.86	0.00
9	0.00	---	0.20	0.00	0.01	0.00	0.00	0.00	0.00	0.00	1.14	0.00
10	0.00	---	0.93	0.00	0.01	0.00	0.00	0.30	0.00	0.00	0.02	0.00
11	0.00	---	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.14	0.00	0.00
12	0.00	---	0.00	0.00	0.00	0.00	1.24	0.56	0.00	0.00	0.00	0.00
13	0.68	---	0.00	0.01	0.07	0.00	0.77	0.01	0.00	0.17	0.00	0.00
14	0.00	---	0.00	1.05	0.19	0.02	0.07	0.00	0.00	0.00	0.00	0.00
15	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00
16	0.00	---	0.00	0.00	0.00	0.80	0.00	0.00	0.00	0.00	0.00	0.10
17	0.00	---	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.14	0.00
18	0.05	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.16	0.00	1.38	0.00
19	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.32	0.00	0.01	0.00
20	0.00	0.01	0.00	0.00	0.16	0.00	0.00	0.82	0.00	0.00	0.00	0.07
21	0.00	0.02	0.00	0.00	0.41	0.00	0.00	0.00	0.00	0.00	0.02	0.00
22	0.00	0.07	0.00	0.02	0.00	0.56	0.37	0.00	0.00	0.14	0.00	0.00
23	0.00	0.44	0.55	0.00	0.00	0.31	0.03	0.00	0.00	0.00	0.16	0.00
24	0.10	0.44	0.00	0.00	0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
26	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.45	0.00	0.00	0.01
27	0.00	0.57	0.00	0.00	0.40	0.65	0.01	0.00	0.13	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.63	1.33	0.00	0.00	0.83	0.20	0.00	0.00
29	0.01	0.00	0.00	---	---	0.00	0.00	0.00	0.00	1.05	0.00	0.91
30	---	0.00	0.00	---	---	0.00	0.31	0.31	0.00	0.33	0.02	0.00
31	---	---	0.00	0.00	---	0.59	---	0.00	---	0.15	0.00	---
TOTAL	---	---	2.24	---	2.86	5.09	3.03	2.22	3.75	3.14	3.78	1.10



351604080470845 CRN27

LOCATION.--Lat 35°16'04", long 80°47'08", Mecklenburg County, Hydrologic Unit 03050103, Hidden Valley Elementary School, Snow White Lane, Charlotte, NC.

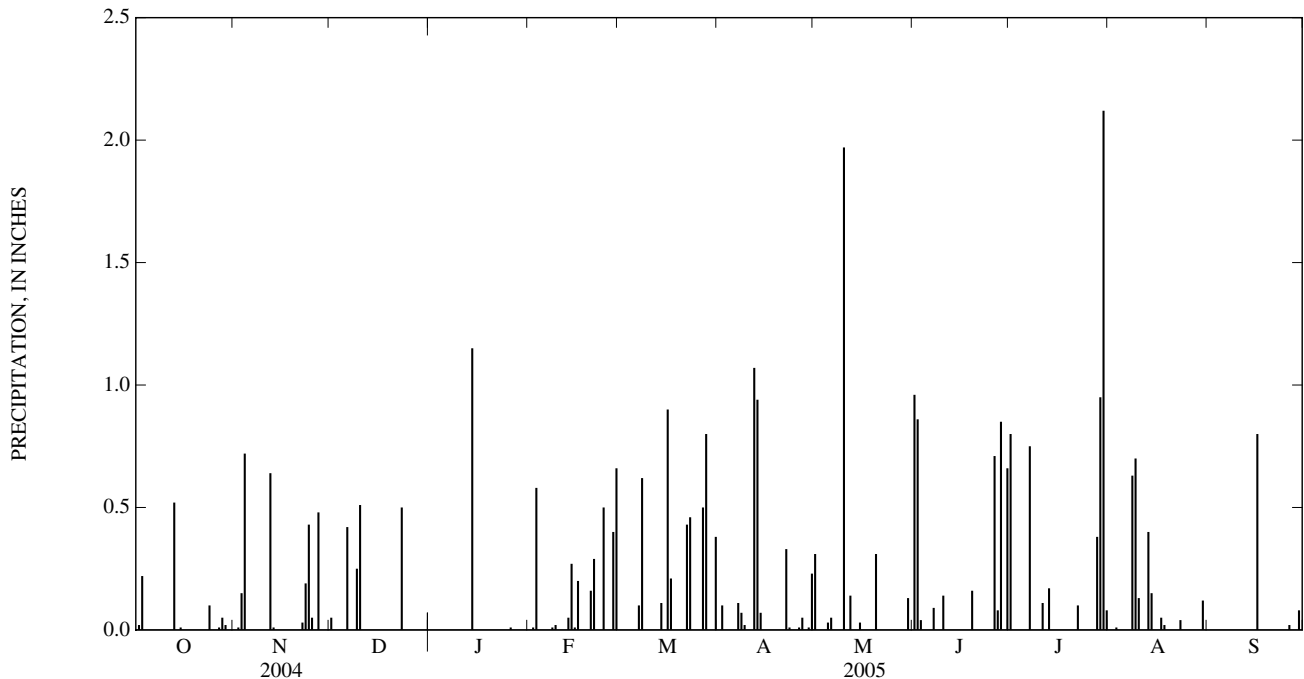
PERIOD OF RECORD.--October 1994 to current year. Records for period October 1994 to September 1998 published in USGS OFR 96-150, 98-67, and 99-273.

GAGE.--Tipping-bucket raingage and electronic datalogger. Radio telemetry at station.

REMARKS.--Gage is operated as part of Charlotte/Mecklenburg Rainfall Runoff Network. Collection of frozen precipitation during January 2005 is not reflected in daily or monthly totals.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.31	0.96	0.80	0.00	0.00
2	0.02	0.01	0.00	0.00	0.01	0.00	0.10	0.00	0.86	0.00	0.00	0.00
3	0.22	0.15	0.00	0.00	0.58	0.00	0.00	0.00	0.04	0.00	0.01	0.00
4	0.00	0.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00
6	0.00	0.00	0.42	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.10	0.11	0.00	0.09	0.75	0.00	0.00
8	0.00	0.00	0.00	0.00	0.01	0.62	0.07	0.00	0.00	0.00	0.63	0.00
9	0.00	0.00	0.25	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.70	0.00
10	0.00	0.00	0.51	0.00	0.00	0.00	0.00	1.97	0.14	0.00	0.13	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00
12	0.00	0.64	0.00	0.00	0.00	0.00	1.07	0.14	0.00	0.00	0.00	0.00
13	0.52	0.01	0.00	0.00	0.05	0.00	0.94	0.00	0.00	0.17	0.40	0.00
14	0.00	0.00	0.00	1.15	0.27	0.11	0.07	0.00	0.00	0.00	0.15	0.00
15	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.03	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.20	0.90	0.00	0.00	0.00	0.00	0.00	0.80
17	0.00	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00	0.05	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.31	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.03	0.00	0.00	0.00	0.43	0.33	0.00	0.00	0.10	0.00	0.00
23	0.00	0.19	0.50	0.00	0.00	0.46	0.01	0.00	0.00	0.00	0.04	0.00
24	0.10	0.43	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.71	0.00	0.00	0.02
27	0.01	0.48	0.00	0.00	0.40	0.50	0.05	0.00	0.08	0.00	0.00	0.00
28	0.05	0.00	0.00	0.00	0.66	0.80	0.00	0.00	0.85	0.38	0.00	0.00
29	0.02	0.00	0.00	---	---	0.00	0.01	0.00	0.00	0.95	0.00	0.08
30	0.00	0.00	0.00	---	---	0.00	0.23	0.13	0.66	2.12	0.12	0.00
31	0.00	---	0.00	0.00	---	0.38	---	0.00	---	0.08	0.00	---
TOTAL	0.95	2.71	1.73	---	3.16	4.51	3.02	2.97	4.55	5.46	2.25	0.90



LOCATION.--Lat 35°01'11", long 80°50'17", Mecklenburg County, Hydrologic Unit 03050103, Elon Homes for Children, Ardrey-Kell Road, Charlotte, NC.

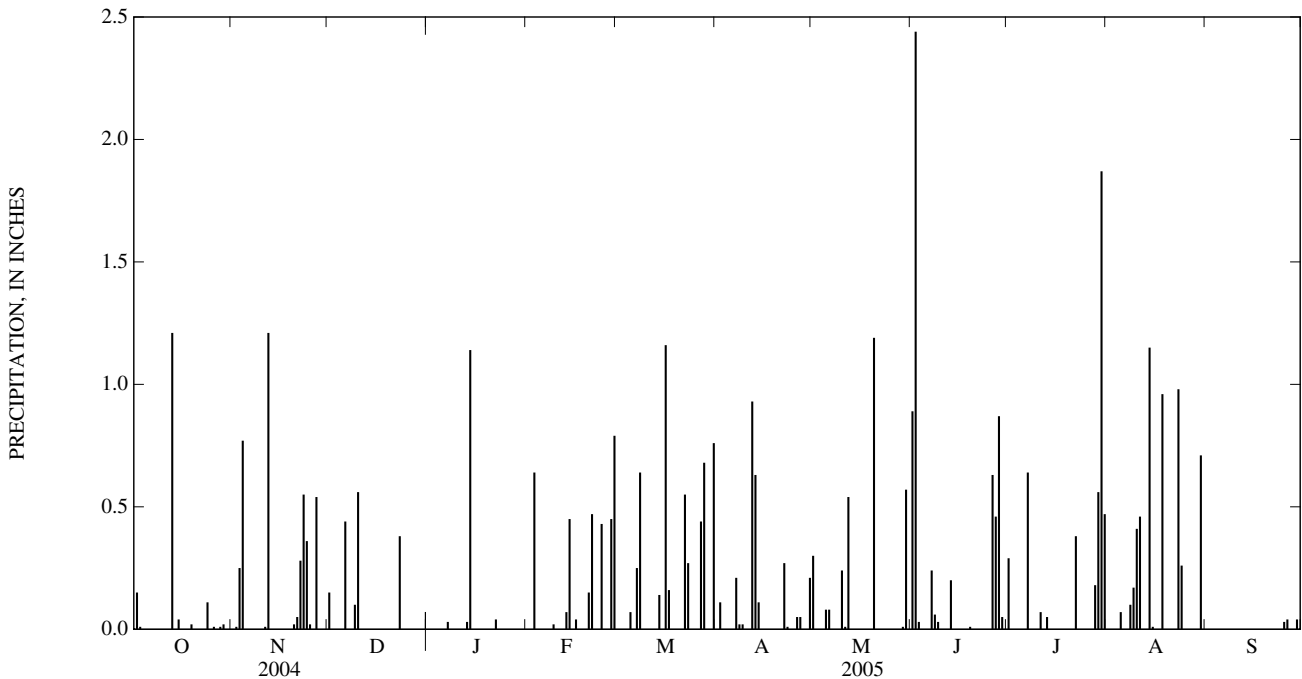
PERIOD OF RECORD.--February 1996 to current year. Records for period February 1996 to September 1998 published in USGS OFR 98-67 and 99-273.

GAGE.--Tipping-bucket raingage and electronic datalogger. Radio telemetry at station.

REMARKS.--Gage is operated as part of Charlotte/Mecklenburg Rainfall Runoff Network. Collection of frozen precipitation during January 2005 is not reflected in daily or monthly totals.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.30	0.89	0.29	0.00	0.00
2	0.15	0.01	0.00	0.00	0.00	0.00	0.11	0.00	2.44	0.00	0.00	0.00
3	0.01	0.25	0.00	0.00	0.64	0.00	0.00	0.00	0.03	0.00	0.00	0.00
4	0.00	0.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.08	0.00	0.00	0.07	0.00
6	0.00	0.00	0.44	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.03	0.00	0.25	0.21	0.00	0.24	0.64	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.64	0.02	0.00	0.06	0.00	0.10	0.00
9	0.00	0.00	0.10	0.00	0.02	0.00	0.02	0.00	0.03	0.00	0.17	0.00
10	0.00	0.00	0.56	0.00	0.00	0.00	0.00	0.24	0.00	0.00	0.41	0.00
11	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.07	0.46	0.00
12	0.00	1.21	0.00	0.00	0.00	0.00	0.93	0.54	0.00	0.00	0.00	0.00
13	1.21	0.00	0.00	0.03	0.07	0.00	0.63	0.00	0.20	0.05	0.00	0.00
14	0.00	0.00	0.00	1.14	0.45	0.14	0.11	0.00	0.00	0.00	1.15	0.00
15	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
16	0.00	0.00	0.00	0.00	0.04	1.16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.96	0.00
19	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
20	0.00	0.02	0.00	0.00	0.15	0.00	0.00	1.19	0.00	0.00	0.00	0.00
21	0.00	0.05	0.00	0.00	0.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.28	0.00	0.04	0.00	0.55	0.27	0.00	0.00	0.38	0.00	0.00
23	0.00	0.55	0.38	0.00	0.00	0.27	0.01	0.00	0.00	0.00	0.98	0.00
24	0.11	0.36	0.00	0.00	0.43	0.00	0.00	0.00	0.00	0.00	0.26	0.00
25	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
26	0.01	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.63	0.00	0.00	0.04
27	0.00	0.54	0.00	0.00	0.45	0.44	0.05	0.00	0.46	0.00	0.00	0.00
28	0.01	0.00	0.00	0.00	0.79	0.68	0.00	0.00	0.87	0.18	0.00	0.00
29	0.02	0.00	0.00	---	---	0.00	0.00	0.01	0.05	0.56	0.00	0.04
30	0.00	0.00	0.00	---	---	0.00	0.21	0.57	0.00	1.87	0.71	0.00
31	0.00	---	0.00	0.00	---	0.76	---	0.00	---	0.47	0.00	---
TOTAL	1.58	4.07	1.63	---	3.51	5.12	2.62	3.02	5.91	4.51	5.28	0.11



352555080574445 CRN34

LOCATION.--Lat 35°25'52", long 80°57'45", Lincoln County, Hydrologic Unit 03050101, Cowans Ford Dam warehouse, Duke Lane, Huntersville, NC.

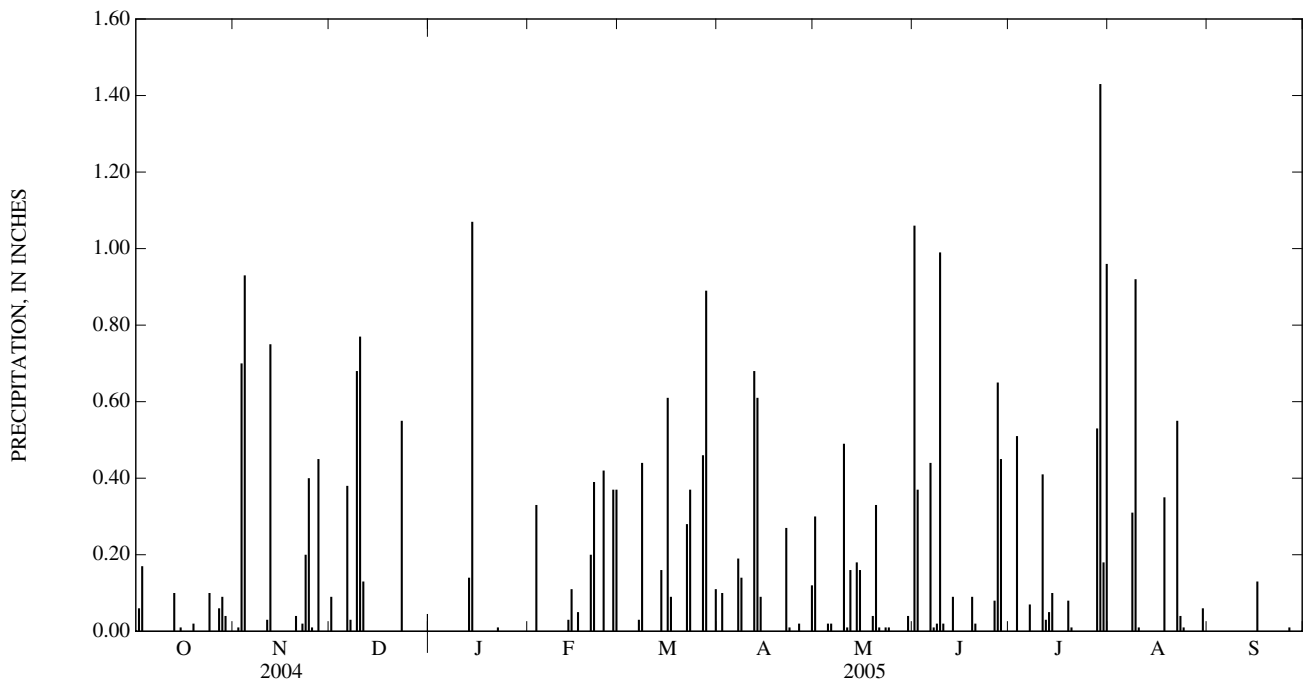
PERIOD OF RECORD.--February 1996 to current year. Records for period February 1996 to September 1998 published in USGS OFR 98-67 and 99-273.

GAGE.--Tipping-bucket raingage and electronic datalogger. Radio telemetry at station.

REMARKS.--Gage is operated as part of Charlotte/Mecklenburg Rainfall Runoff Network. Collection of frozen precipitation during January 2005 is not reflected in daily or monthly totals.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.30	1.06	0.00	0.00	0.00
2	0.06	0.01	0.00	0.00	0.00	0.00	0.10	0.00	0.37	0.00	0.00	0.00
3	0.17	0.70	0.00	0.00	0.33	0.00	0.00	0.00	0.00	0.51	0.00	0.00
4	0.00	0.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00
6	0.00	0.00	0.38	0.00	0.00	0.00	0.00	0.02	0.44	0.00	0.00	0.00
7	0.00	0.00	0.03	0.00	0.00	0.03	0.19	0.00	0.01	0.07	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.44	0.14	0.00	0.02	0.00	0.31	0.00
9	0.00	0.00	0.68	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.92	0.00
10	0.00	0.00	0.77	0.00	0.00	0.00	0.00	0.49	0.02	0.00	0.01	0.00
11	0.00	0.03	0.13	0.00	0.00	0.00	0.00	0.01	0.00	0.41	0.00	0.00
12	0.00	0.75	0.00	0.00	0.00	0.00	0.68	0.16	0.00	0.03	0.00	0.00
13	0.10	0.00	0.00	0.14	0.03	0.00	0.61	0.00	0.09	0.05	0.00	0.00
14	0.00	0.00	0.00	1.07	0.11	0.16	0.09	0.18	0.00	0.10	0.00	0.00
15	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.05	0.61	0.00	0.00	0.00	0.00	0.00	0.13
17	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.35	0.00
19	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.09	0.08	0.00	0.00
20	0.00	0.04	0.00	0.00	0.20	0.00	0.00	0.33	0.02	0.01	0.00	0.00
21	0.00	0.00	0.00	0.00	0.39	0.00	0.00	0.01	0.00	0.00	0.00	0.00
22	0.00	0.02	0.00	0.01	0.00	0.28	0.27	0.00	0.00	0.00	0.55	0.00
23	0.00	0.20	0.55	0.00	0.00	0.37	0.01	0.01	0.00	0.00	0.04	0.00
24	0.10	0.40	0.00	0.00	0.42	0.00	0.00	0.01	0.00	0.00	0.01	0.00
25	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.08	0.00	0.00	0.01
27	0.06	0.45	0.00	0.00	0.37	0.46	0.00	0.00	0.65	0.00	0.00	0.00
28	0.09	0.00	0.00	0.00	0.37	0.89	0.00	0.00	0.45	0.53	0.00	0.00
29	0.04	0.00	0.00	---	---	0.00	0.00	0.00	0.00	1.43	0.00	0.00
30	0.00	0.00	0.00	---	---	0.00	0.12	0.04	0.00	0.18	0.06	0.00
31	0.00	---	0.00	0.00	---	0.11	---	0.00	---	0.96	0.00	---
TOTAL	0.65	3.54	2.63	---	2.27	3.44	2.23	1.78	4.29	4.36	2.25	0.14



LOCATION.--Lat 35°12'47", long 80°59'26", Mecklenburg County, Hydrologic Unit 03050101, Berryhill Elementary School, Walkers Ferry Road, Charlotte, NC.

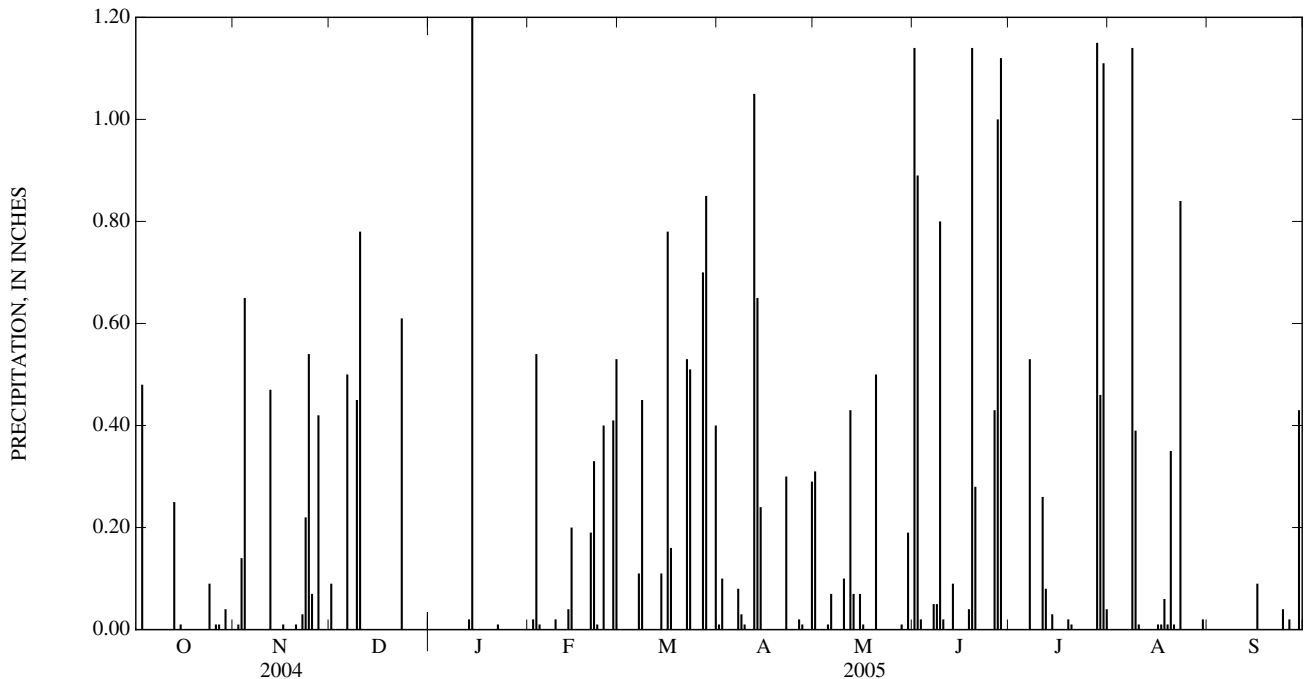
PERIOD OF RECORD.--February 1996 to current year. Records for period February 1996 to September 1998 published in USGS OFR 98-67 and 99-273.

GAGE.--Tipping-bucket raingage and electronic datalogger. Radio telemetry at station.

REMARKS.--Gage is operated as part of Charlotte/Mecklenburg Rainfall Runoff Network. Collection of frozen precipitation during January 2005 is not reflected in daily or monthly totals.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.09	0.00	0.00	0.00	0.01	0.31	1.14	0.00	0.00	0.00
2	0.00	0.01	0.00	0.00	0.02	0.00	0.10	0.00	0.89	0.00	0.00	0.00
3	0.48	0.14	0.00	0.00	0.54	0.00	0.00	0.00	0.02	0.00	0.00	0.00
4	0.00	0.65	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
6	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.11	0.08	0.00	0.05	0.53	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.45	0.03	0.00	0.05	0.00	1.14	0.00
9	0.00	0.00	0.45	0.00	0.02	0.00	0.01	0.00	0.80	0.00	0.39	0.00
10	0.00	0.00	0.78	0.00	0.00	0.00	0.00	0.10	0.02	0.00	0.01	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.26	0.00	0.00
12	0.00	0.47	0.00	0.00	0.00	0.00	1.05	0.43	0.00	0.08	0.00	0.00
13	0.25	0.00	0.00	0.02	0.04	0.00	0.65	0.07	0.09	0.00	0.00	0.00
14	0.00	0.00	0.00	1.20	0.20	0.11	0.24	0.00	0.00	0.03	0.00	0.00
15	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00
16	0.00	0.01	0.00	0.00	0.00	0.78	0.00	0.01	0.00	0.00	0.01	0.09
17	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.01	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.06	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.14	0.02	0.01	0.00
20	0.00	0.01	0.00	0.00	0.19	0.00	0.00	0.50	0.28	0.01	0.35	0.00
21	0.00	0.00	0.00	0.00	0.33	0.00	0.00	0.00	0.00	0.00	0.01	0.00
22	0.00	0.03	0.00	0.01	0.01	0.53	0.30	0.00	0.00	0.00	0.00	0.00
23	0.00	0.22	0.61	0.00	0.00	0.51	0.00	0.00	0.00	0.00	0.84	0.00
24	0.09	0.54	0.00	0.00	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.04
25	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.01	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.43	0.00	0.00	0.02
27	0.01	0.42	0.00	0.00	0.41	0.70	0.01	0.00	1.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.53	0.85	0.00	0.01	1.12	1.15	0.00	0.00
29	0.04	0.00	0.00	---	---	0.00	0.00	0.00	0.00	0.46	0.00	0.43
30	0.00	0.00	0.00	---	---	0.00	0.29	0.19	0.00	1.11	0.02	0.00
31	0.00	---	0.00	---	---	0.40	---	0.00	---	0.04	0.00	---
TOTAL	0.89	2.57	2.43	---	2.70	4.60	2.79	1.77	7.07	3.69	2.85	0.58



350200081020345 CRN38

LOCATION.--Lat 35°02'00", long 81°02'06", York County, South Carolina, Hydrologic Unit 03050101, Tega Cay Town Hall, Tega Cay Drive, Tega Cay, SC.

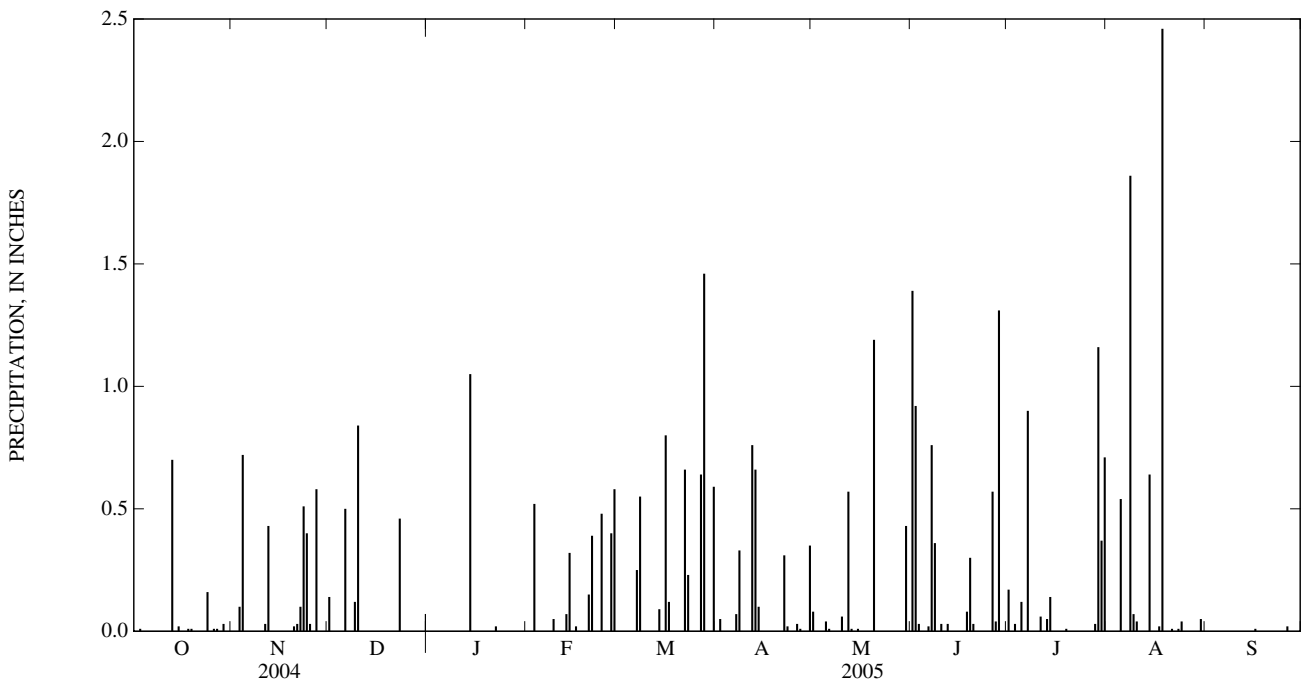
PERIOD OF RECORD.--February 1996 to current year. Records for period February 1996 to September 1998 published in USGS OFR 98-67 and 99-273.

GAGE.--Tipping-bucket raingage and electronic datalogger. Radio telemetry at station.

REMARKS.--Gage is operated as part of Charlotte/Mecklenburg Rainfall Runoff Network. Collection of frozen precipitation during January 2005 is not reflected in daily or monthly totals.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.08	1.39	0.17	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.92	0.00	0.00	0.00
3	0.01	0.10	0.00	0.00	0.52	0.00	0.00	0.00	0.03	0.03	0.00	0.00
4	0.00	0.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.12	0.54	0.00
6	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.01	0.02	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.25	0.07	0.00	0.76	0.90	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.55	0.33	0.00	0.36	0.00	1.86	0.00
9	0.00	0.00	0.12	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.07	0.00
10	0.00	0.00	0.84	0.00	0.00	0.00	0.00	0.06	0.03	0.00	0.04	0.00
11	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00
12	0.00	0.43	0.00	0.00	0.00	0.00	0.76	0.57	0.03	0.00	0.00	0.00
13	0.70	0.00	0.00	0.00	0.07	0.00	0.66	0.01	0.00	0.05	0.00	0.00
14	0.00	0.00	0.00	1.05	0.32	0.09	0.10	0.00	0.00	0.14	0.64	0.00
15	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.02	0.80	0.00	0.00	0.00	0.00	0.00	0.01
17	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.02	0.00
18	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00	2.46	0.00
19	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.01	0.00	0.00
20	0.00	0.02	0.00	0.00	0.15	0.00	0.00	1.19	0.03	0.00	0.00	0.00
21	0.00	0.03	0.00	0.00	0.39	0.00	0.00	0.00	0.00	0.00	0.01	0.00
22	0.00	0.10	0.00	0.02	0.00	0.66	0.31	0.00	0.00	0.00	0.00	0.00
23	0.00	0.51	0.46	0.00	0.00	0.23	0.02	0.00	0.00	0.00	0.01	0.00
24	0.16	0.40	0.00	0.00	0.48	0.00	0.00	0.00	0.00	0.00	0.04	0.00
25	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.01	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.57	0.00	0.00	0.02
27	0.01	0.58	0.00	0.00	0.40	0.64	0.01	0.00	0.04	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.58	1.46	0.00	0.00	1.31	0.03	0.00	0.00
29	0.03	0.00	0.00	---	---	0.00	0.00	0.00	0.00	1.16	0.00	0.00
30	0.00	0.00	0.00	---	---	0.00	0.35	0.43	0.00	0.37	0.05	0.00
31	0.00	---	0.00	0.00	---	0.59	---	0.00	---	0.71	0.00	---
TOTAL	0.96	2.95	2.06	---	2.98	5.39	2.69	2.40	5.87	3.75	5.74	0.03



LOCATION.--Lat 35°29'56", long 80°59'12", Lincoln County, Hydrologic Unit 03050101, Westport Golf Course driving range, Denver, NC.

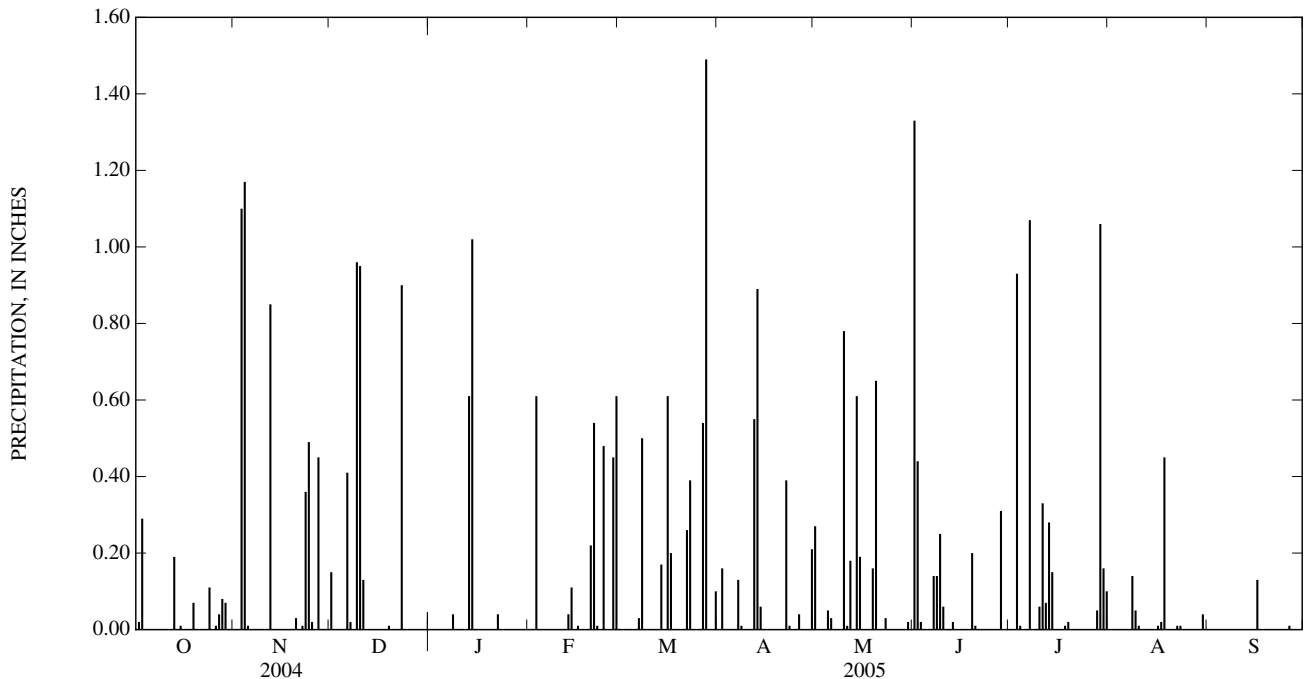
PERIOD OF RECORD.--February 1996 to current year. Records for period February 1996 to September 1998 published in USGS OFR 98-67 and 99-273. Records for February 1996 to June 1996 at site Lake Norman Fire Department, Mooresville, NC (station 353402080543145).

GAGE.--Tipping-bucket raingage and electronic datalogger. Radio telemetry at station.

REMARKS.--Gage is operated as part of Charlotte/Mecklenburg Rainfall Runoff Network. Collection of frozen precipitation during January 2005 is not reflected in daily or monthly totals.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.27	1.33	0.00	0.00	0.00
2	0.02	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.44	0.00	0.00	0.00
3	0.29	1.10	0.00	0.00	0.61	0.00	0.00	0.00	0.02	0.93	0.00	0.00
4	0.00	1.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
5	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00
6	0.00	0.00	0.41	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00
7	0.00	0.00	0.02	0.00	0.00	0.03	0.13	0.00	0.14	1.07	0.00	0.00
8	0.00	0.00	0.00	0.04	0.00	0.50	0.01	0.00	0.14	0.00	0.14	0.00
9	0.00	0.00	0.96	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.05	0.00
10	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.78	0.06	0.06	0.01	0.00
11	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.01	0.00	0.33	0.00	0.00
12	0.00	0.85	0.00	0.00	0.00	0.00	0.55	0.18	0.00	0.07	0.00	0.00
13	0.19	0.00	0.00	0.61	0.04	0.00	0.89	0.00	0.02	0.28	0.00	0.00
14	0.00	0.00	0.00	1.02	0.11	0.17	0.06	0.61	0.00	0.15	0.00	0.00
15	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.01	0.61	0.00	0.00	0.00	0.00	0.01	0.13
17	0.00	0.00	0.00	0.00	0.00	0.20	0.00	0.00	0.00	0.00	0.02	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.45	0.00
19	0.07	0.00	0.01	0.00	0.00	0.00	0.00	0.16	0.20	0.02	0.00	0.00
20	0.00	0.03	0.00	0.00	0.22	0.00	0.00	0.65	0.01	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.01	0.00	0.04	0.01	0.26	0.39	0.00	0.00	0.00	0.01	0.00
23	0.00	0.36	0.90	0.00	0.00	0.39	0.01	0.03	0.00	0.00	0.01	0.00
24	0.11	0.49	0.00	0.00	0.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.01	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.01
27	0.04	0.45	0.00	0.00	0.45	0.54	0.00	0.00	0.00	0.00	0.00	0.00
28	0.08	0.00	0.00	0.00	0.61	1.49	0.00	0.00	0.31	0.05	0.00	0.00
29	0.07	0.00	0.00	---	---	0.00	0.00	0.00	0.00	1.06	0.00	0.00
30	0.00	0.00	0.00	---	---	0.00	0.21	0.02	0.00	0.16	0.04	0.00
31	0.00	---	0.00	0.00	---	0.10	---	0.00	---	0.10	0.00	---
TOTAL	0.89	4.49	3.53	---	3.08	4.29	2.45	2.98	2.92	4.30	0.74	0.14



353014080524945 CRN42

LOCATION.--Lat 35°30'16", long 80°52'47", Mecklenburg County, Hydrologic Unit 03050101, private residence, Norman Shores Drive, Cornelius, NC.

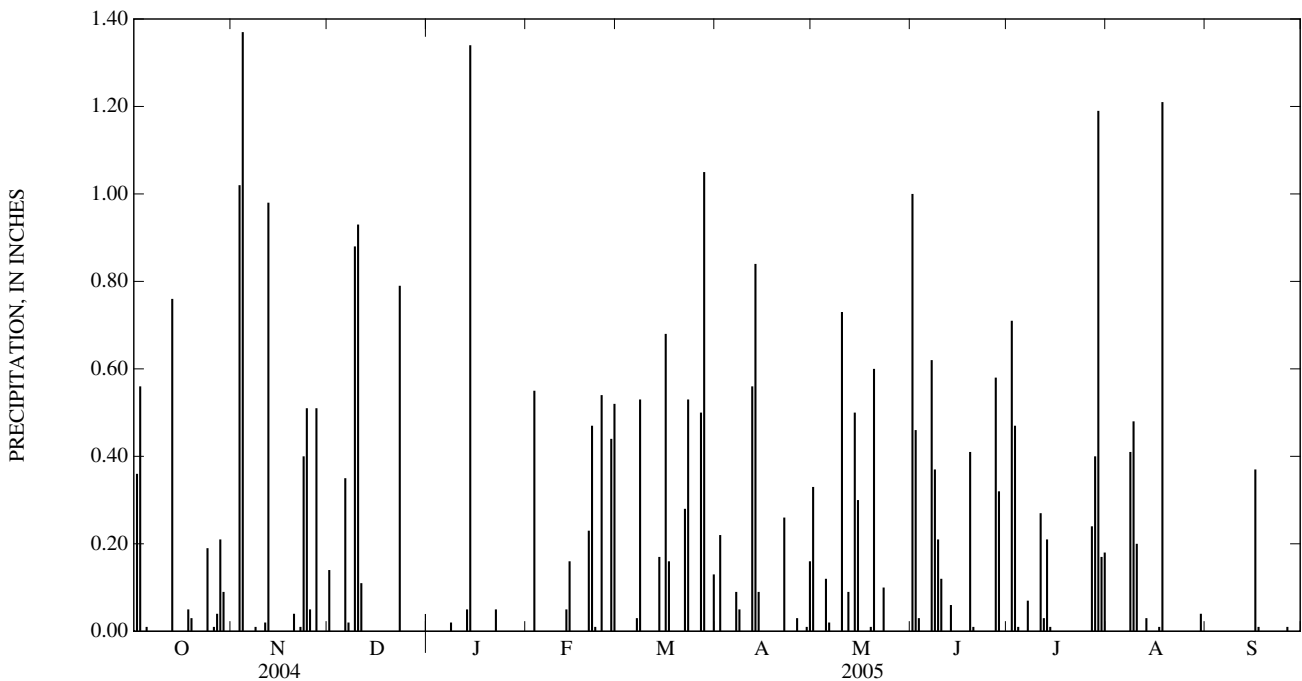
PERIOD OF RECORD.--January 1997 to current year. Records for period January 1997 to September 1998 published in USGS OFR 98-67 and 99-273.

GAGE.--Tipping-bucket raingage and electronic datalogger. Radio telemetry at station.

REMARKS.--Gage is operated as part of Charlotte/Mecklenburg Rainfall Runoff Network. Collection of frozen precipitation during January 2005 is not reflected in daily or monthly totals.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.33	1.00	0.00	0.00	0.00
2	0.36	0.00	0.00	0.00	0.00	0.00	0.22	0.00	0.46	0.71	0.00	0.00
3	0.56	1.02	0.00	0.00	0.55	0.00	0.00	0.00	0.03	0.47	0.00	0.00
4	0.00	1.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
5	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.00	0.00
6	0.00	0.00	0.35	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00
7	0.00	0.00	0.02	0.00	0.00	0.03	0.09	0.00	0.62	0.07	0.00	0.00
8	0.00	0.01	0.00	0.02	0.00	0.53	0.05	0.00	0.37	0.00	0.41	0.00
9	0.00	0.00	0.88	0.00	0.00	0.00	0.00	0.00	0.21	0.00	0.48	0.00
10	0.00	0.00	0.93	0.00	0.00	0.00	0.00	0.73	0.12	0.00	0.20	0.00
11	0.00	0.02	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.00	0.00
12	0.00	0.98	0.00	0.00	0.00	0.00	0.56	0.09	0.00	0.03	0.00	0.00
13	0.76	0.00	0.00	0.05	0.05	0.00	0.84	0.00	0.06	0.21	0.03	0.00
14	0.00	0.00	0.00	1.34	0.16	0.17	0.09	0.50	0.00	0.01	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.68	0.00	0.00	0.00	0.00	0.00	0.37
17	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.01	0.01
18	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.21	0.00
19	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.41	0.00	0.00	0.00
20	0.00	0.04	0.00	0.00	0.23	0.00	0.00	0.60	0.01	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.01	0.00	0.05	0.01	0.28	0.26	0.00	0.00	0.00	0.00	0.00
23	0.00	0.40	0.79	0.00	0.00	0.53	0.00	0.10	0.00	0.00	0.00	0.00
24	0.19	0.51	0.00	0.00	0.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.01	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.01
27	0.04	0.51	0.00	0.00	0.44	0.50	0.00	0.00	0.58	0.24	0.00	0.00
28	0.21	0.00	0.00	0.00	0.52	1.05	0.00	0.00	0.32	0.40	0.00	0.00
29	0.09	0.00	0.00	---	---	0.00	0.01	0.00	0.00	1.19	0.00	0.00
30	0.00	0.00	0.00	---	---	0.00	0.16	0.00	0.00	0.17	0.04	0.00
31	0.00	---	0.00	0.00	---	0.13	---	0.00	---	0.18	0.00	---
TOTAL	2.31	4.92	3.22	---	2.97	4.06	2.31	2.80	4.19	3.96	2.38	0.39



LOCATION.--Lat 35°24'40", long 80°50'47", Mecklenburg County, Hydrologic Unit 03050101, Huntersville Elementary School, Gilead Road, Huntersville, NC.

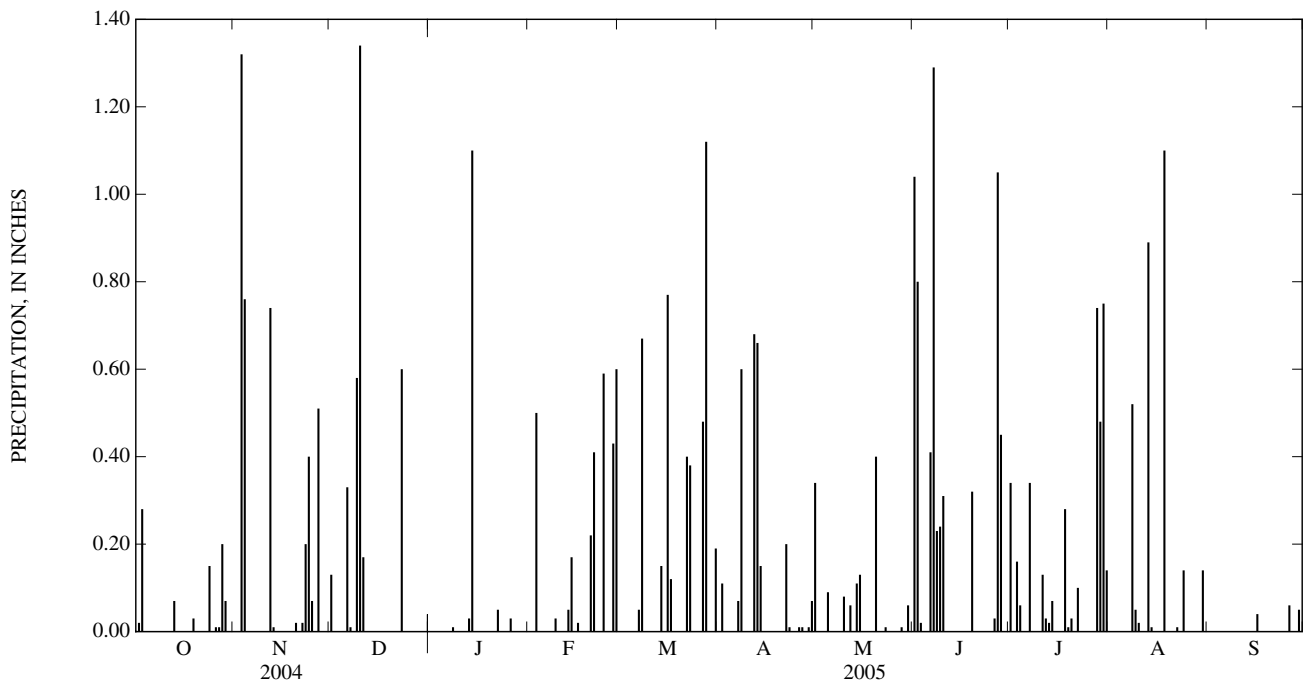
PERIOD OF RECORD.--January 1997 to current year. Records for period January 1997 to September 1998 published in USGS OFR 98-67 and 99-273.

GAGE.--Tipping-bucket raingage and electronic datalogger. Radio telemetry at station.

REMARKS.--Gage is operated as part of Charlotte/Mecklenburg Rainfall Runoff Network. Collection of frozen precipitation during January 2005 is not reflected in daily or monthly totals.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.34	1.04	0.34	0.00	0.00
2	0.02	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.80	0.00	0.00	0.00
3	0.28	1.32	0.00	0.00	0.50	0.00	0.00	0.00	0.02	0.16	0.00	0.00
4	0.00	0.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.00
6	0.00	0.00	0.33	0.00	0.00	0.00	0.00	0.00	0.41	0.00	0.00	0.00
7	0.00	0.00	0.01	0.00	0.00	0.05	0.07	0.00	1.29	0.34	0.00	0.00
8	0.00	0.00	0.00	0.01	0.00	0.67	0.60	0.00	0.23	0.00	0.52	0.00
9	0.00	0.00	0.58	0.00	0.03	0.00	0.00	0.00	0.24	0.00	0.05	0.00
10	0.00	0.00	1.34	0.00	0.00	0.00	0.00	0.08	0.31	0.00	0.02	0.00
11	0.00	0.00	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.00	0.00
12	0.00	0.74	0.00	0.00	0.00	0.00	0.68	0.06	0.00	0.03	0.00	0.00
13	0.07	0.01	0.00	0.03	0.05	0.00	0.66	0.00	0.00	0.02	0.89	0.00
14	0.00	0.00	0.00	1.10	0.17	0.15	0.15	0.11	0.00	0.07	0.01	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.02	0.77	0.00	0.00	0.00	0.00	0.00	0.04
17	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.28	1.10	0.00
19	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.32	0.01	0.00	0.00
20	0.00	0.02	0.00	0.00	0.22	0.00	0.00	0.40	0.00	0.03	0.00	0.00
21	0.00	0.00	0.00	0.00	0.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.02	0.00	0.05	0.00	0.40	0.20	0.00	0.00	0.10	0.01	0.00
23	0.00	0.20	0.60	0.00	0.00	0.38	0.01	0.01	0.00	0.00	0.00	0.00
24	0.15	0.40	0.00	0.00	0.59	0.00	0.00	0.00	0.00	0.00	0.14	0.00
25	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.01	0.00	0.00	0.03	0.00	0.00	0.01	0.00	0.03	0.00	0.00	0.06
27	0.01	0.51	0.00	0.00	0.43	0.48	0.01	0.00	1.05	0.00	0.00	0.00
28	0.20	0.00	0.00	0.00	0.60	1.12	0.00	0.01	0.45	0.74	0.00	0.00
29	0.07	0.00	0.00	---	---	0.00	0.01	0.00	0.00	0.48	0.00	0.05
30	0.00	0.00	0.00	---	---	0.00	0.07	0.06	0.00	0.75	0.14	0.00
31	0.00	---	0.00	0.00	---	0.19	---	0.00	---	0.14	0.00	---
TOTAL	0.84	4.05	3.16	---	3.02	4.33	2.58	1.29	6.19	3.68	2.88	0.15



350903081004545 CRN45

LOCATION.--Lat 35°09'02", long 81°00'43", Mecklenburg County, Hydrologic Unit 03050101, private residence, Withers Cove Road, Charlotte, NC.

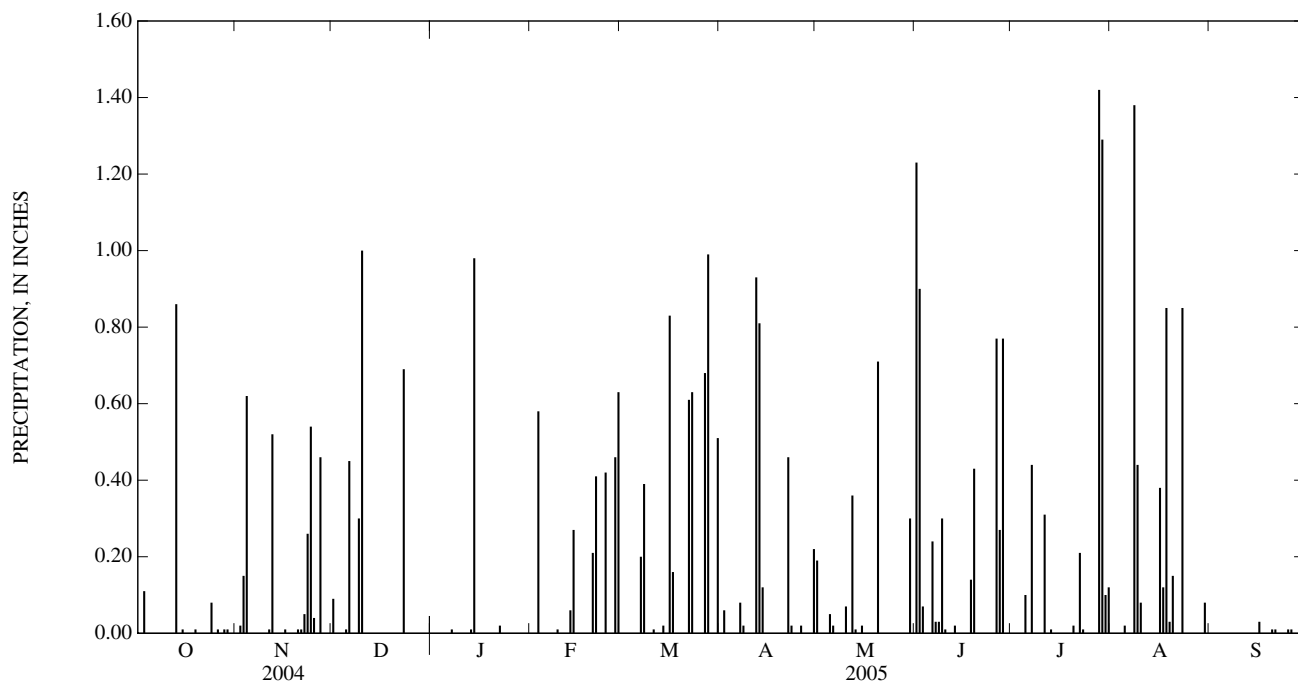
PERIOD OF RECORD.--January 1997 to current year. Records for period January 1997 to September 1998 published in USGS OFR 98-67 and 99-273.

GAGE.--Tipping-bucket raingage and electronic datalogger. Radio telemetry at station.

REMARKS.--Gage is operated as part of Charlotte/Mecklenburg Rainfall Runoff Network. Collection of frozen precipitation during January 2005 is not reflected in daily or monthly totals.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.19	1.23	0.00	0.00	0.00
2	0.00	0.02	0.00	0.00	0.00	0.00	0.06	0.00	0.90	0.00	0.00	0.00
3	0.11	0.15	0.00	0.00	0.58	0.00	0.00	0.00	0.07	0.00	0.00	0.00
4	0.00	0.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.05	0.00	0.10	0.02	0.00
6	0.00	0.00	0.45	0.00	0.00	0.00	0.00	0.02	0.24	0.00	0.00	0.00
7	0.00	0.00	0.00	0.01	0.00	0.20	0.08	0.00	0.03	0.44	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.39	0.02	0.00	0.03	0.00	1.38	0.00
9	0.00	0.00	0.30	0.00	0.01	0.00	0.00	0.00	0.30	0.00	0.44	0.00
10	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.07	0.01	0.00	0.08	0.00
11	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.31	0.00	0.00
12	0.00	0.52	0.00	0.00	0.00	0.00	0.93	0.36	0.00	0.00	0.00	0.00
13	0.86	0.00	0.00	0.01	0.06	0.00	0.81	0.01	0.02	0.01	0.00	0.00
14	0.00	0.00	0.00	0.98	0.27	0.02	0.12	0.00	0.00	0.00	0.00	0.00
15	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00
16	0.00	0.01	0.00	0.00	0.00	0.83	0.00	0.00	0.00	0.00	0.38	0.03
17	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.12	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.85	0.00
19	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.43	0.00	0.03	0.00
20	0.00	0.01	0.00	0.00	0.21	0.00	0.00	0.71	0.00	0.02	0.15	0.01
21	0.00	0.01	0.00	0.00	0.41	0.00	0.00	0.00	0.00	0.00	0.00	0.01
22	0.00	0.05	0.00	0.02	0.00	0.61	0.46	0.00	0.00	0.21	0.00	0.00
23	0.00	0.26	0.69	0.00	0.00	0.63	0.02	0.00	0.00	0.01	0.85	0.00
24	0.08	0.54	0.00	0.00	0.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
26	0.01	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.77	0.00	0.00	0.01
27	0.00	0.46	0.00	0.00	0.46	0.68	0.00	0.00	0.27	0.00	0.00	0.00
28	0.01	0.00	0.00	0.00	0.63	0.99	0.00	0.00	0.77	1.42	0.00	0.00
29	0.01	0.00	0.00	---	---	0.00	0.00	0.00	0.00	1.29	0.00	0.26
30	0.00	0.00	0.00	---	---	0.00	0.22	0.30	0.00	0.10	0.08	0.00
31	0.00	---	0.00	0.00	---	0.51	---	0.00	---	0.12	0.00	---
TOTAL	1.10	2.70	2.54	---	3.05	5.03	2.74	1.73	5.21	4.03	4.38	0.33



LOCATION.--Lat 35°12'28", long 80°46'00", Mecklenburg County, Hydrologic Unit 03050103, Winterfield Elementary School, Winterfield Place, Charlotte, NC.

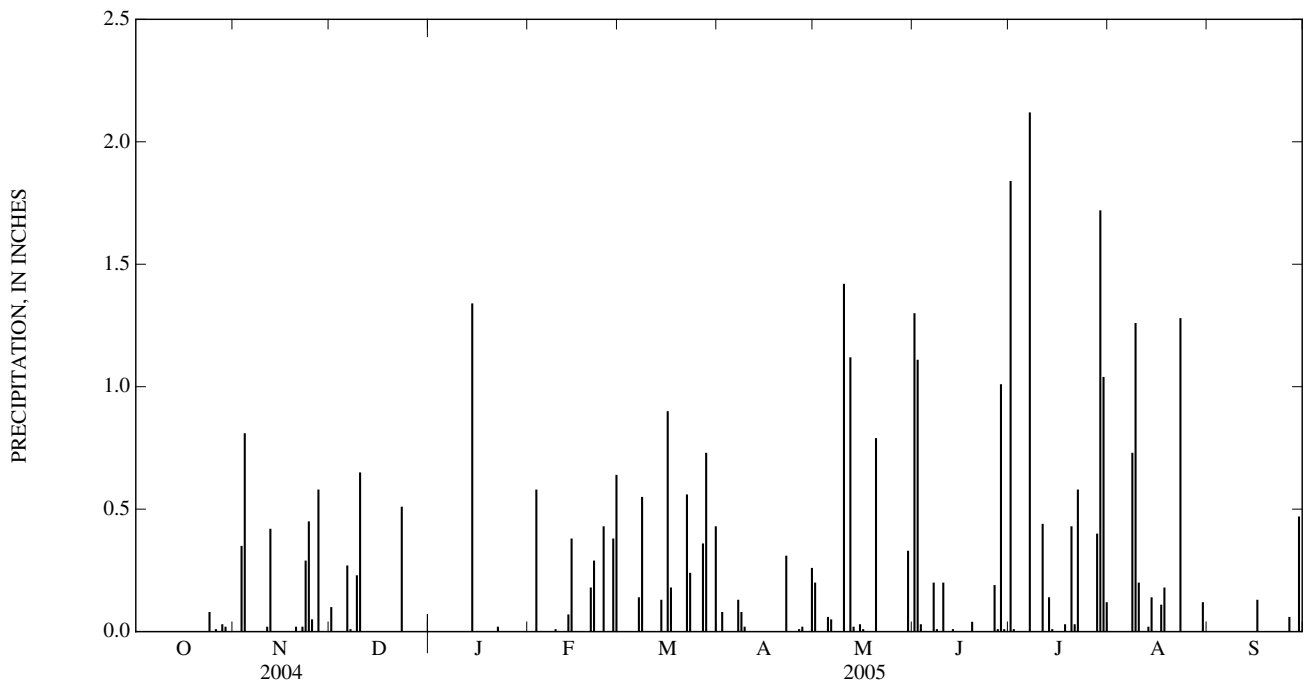
PERIOD OF RECORD.--March 1999 to current year.

GAGE.--Tipping-bucket raingage and electronic datalogger. Radio telemetry at station.

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PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	0.00	0.10	0.00	0.00	0.00	0.00	0.20	1.30	1.84	0.00	0.00
2	---	0.00	0.00	0.00	0.00	0.00	0.08	0.00	1.11	0.01	0.00	0.00
3	---	0.35	0.00	0.00	0.58	0.00	0.00	0.00	0.03	0.00	0.00	0.00
4	---	0.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	---	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00
6	---	0.00	0.27	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00
7	---	0.00	0.01	0.00	0.00	0.14	0.13	0.00	0.20	2.12	0.00	0.00
8	---	0.00	0.00	0.00	0.00	0.55	0.08	0.00	0.01	0.00	0.73	0.00
9	---	0.00	0.23	0.00	0.01	0.00	0.02	0.00	0.00	0.00	1.26	0.00
10	---	0.00	0.65	0.00	0.00	0.00	0.00	1.42	0.20	0.00	0.20	0.00
11	---	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.44	0.00	0.00
12	---	0.42	0.00	0.00	0.00	0.00	---	1.12	0.00	0.00	0.00	0.00
13	---	0.00	0.00	0.00	0.07	0.00	---	0.02	0.01	0.14	0.02	0.00
14	---	0.00	0.00	1.34	0.38	0.13	---	0.00	0.00	0.01	0.14	0.00
15	---	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00
16	---	0.00	0.00	0.00	0.00	0.90	0.00	0.01	0.00	0.00	0.00	0.13
17	---	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.00	0.00	0.11	0.00
18	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.18	0.00
19	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00
20	---	0.02	0.00	0.00	0.18	0.00	0.00	0.79	0.00	0.43	0.00	0.00
21	---	0.00	0.00	0.00	0.29	0.00	0.00	0.00	0.00	0.03	0.00	0.00
22	0.00	0.02	0.00	0.02	0.00	0.56	0.31	0.00	0.00	0.58	0.00	0.00
23	0.00	0.29	0.51	0.00	0.00	0.24	0.00	0.00	0.00	0.00	1.28	0.00
24	0.08	0.45	0.00	0.00	0.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.19	0.00	0.00	0.06
27	0.00	0.58	0.00	0.00	0.38	0.36	0.02	0.00	0.01	0.00	0.00	0.00
28	0.03	0.00	0.00	0.00	0.64	0.73	0.00	0.00	1.01	0.40	0.00	0.00
29	0.02	0.00	0.00	---	---	0.00	0.00	0.00	0.01	1.72	0.00	0.47
30	0.00	0.00	0.00	---	---	0.00	0.26	0.33	0.00	1.04	0.12	0.00
31	0.00	---	0.00	0.00	---	0.43	---	0.00	---	0.12	0.00	---
TOTAL	---	3.01	1.77	---	2.96	4.22	---	4.03	4.12	8.91	4.04	0.66



350637080475645 CRN48

LOCATION.--Lat 35°06'40", long 80°47'55", Mecklenburg County, Hydrologic Unit 03050103, Olde Providence School, Rea Road, Charlotte, NC.

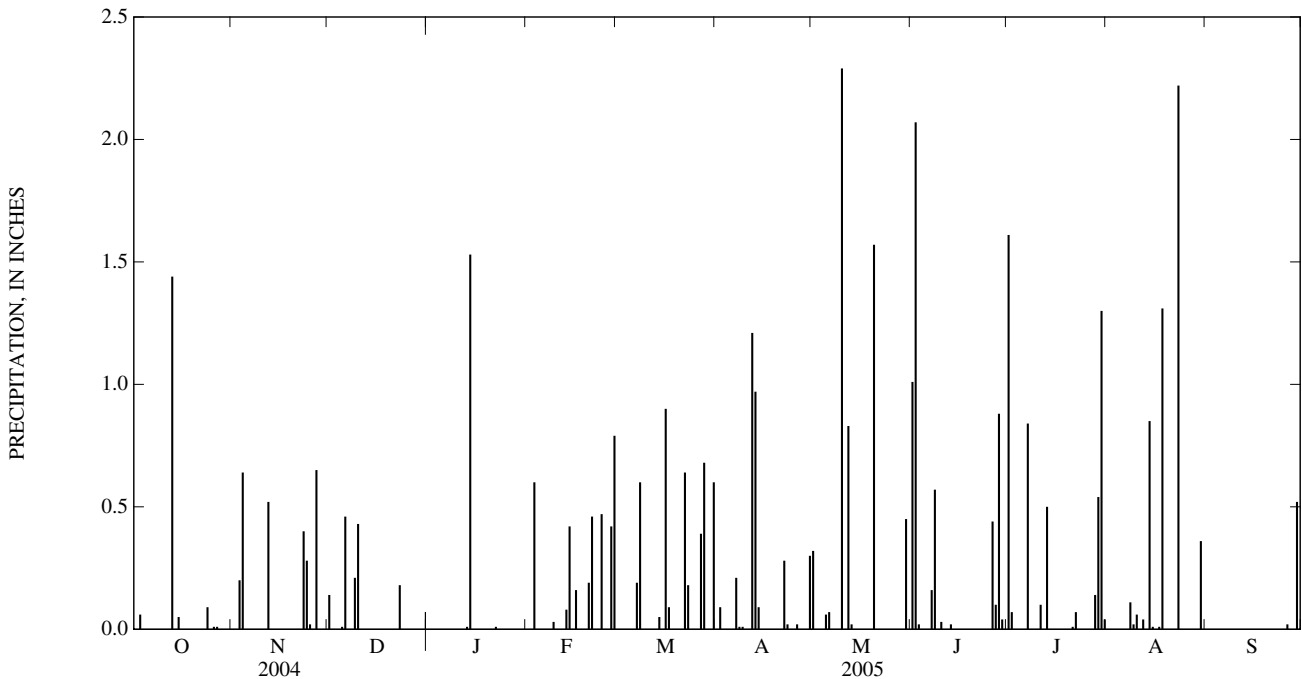
PERIOD OF RECORD.--March 1999 to current year.

GAGE.--Tipping-bucket raingage and electronic datalogger. Radio telemetry at station.

REMARKS.--Gage is operated as part of Charlotte/Mecklenburg Rainfall Runoff Network. Collection of frozen precipitation during January 2006 is not reflected in daily or monthly totals.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.32	1.01	1.61	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.00	2.07	0.07	0.00	0.00
3	0.06	0.20	0.00	0.00	0.60	0.00	0.00	0.00	0.02	0.00	0.00	0.00
4	0.00	0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00
6	0.00	0.00	0.46	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.19	0.21	0.00	0.16	0.84	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.60	0.01	0.00	0.57	0.00	0.11	0.00
9	0.00	0.00	0.21	0.00	0.03	0.00	0.01	0.00	0.00	0.00	0.02	0.00
10	0.00	0.00	0.43	0.00	0.00	0.00	0.00	2.29	0.03	0.00	0.06	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00
12	0.00	0.52	0.00	0.00	0.00	0.00	1.21	0.83	0.00	0.00	0.04	0.00
13	1.44	0.00	0.00	0.01	0.08	0.00	0.97	0.02	0.02	0.50	0.00	0.00
14	0.00	0.00	0.00	1.53	0.42	0.05	0.09	0.00	0.00	0.00	0.85	0.00
15	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
16	0.00	0.00	0.00	0.00	0.16	0.90	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.01	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.31	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.19	0.00	0.00	1.57	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.46	0.00	0.00	0.00	0.00	0.01	0.00	0.00
22	0.00	0.00	0.00	0.01	0.00	0.64	0.28	0.00	0.00	0.07	0.00	0.00
23	0.00	0.40	0.18	0.00	0.00	0.18	0.02	0.00	0.00	0.00	2.22	0.00
24	0.09	0.28	0.00	0.00	0.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.01	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.44	0.00	0.00	0.02
27	0.01	0.65	0.00	0.00	0.42	0.39	0.00	0.00	0.10	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.79	0.68	0.00	0.00	0.88	0.14	0.00	0.00
29	0.00	0.00	0.00	---	---	0.00	0.00	0.00	0.04	0.54	0.00	0.52
30	0.00	0.00	0.00	---	---	0.00	0.30	0.45	0.00	1.30	0.36	0.00
31	0.00	---	0.00	0.00	---	0.60	---	0.00	---	0.04	0.00	---
TOTAL	1.66	2.71	1.43	---	3.62	4.32	3.21	5.61	5.34	5.22	4.99	0.54



LOCATION.--Lat 35°22'24", long 80°50'03", Mecklenburg County, Hydrologic Unit 03050101, North Mecklenburg High School, Old Statesville Rd., Huntersville, NC.

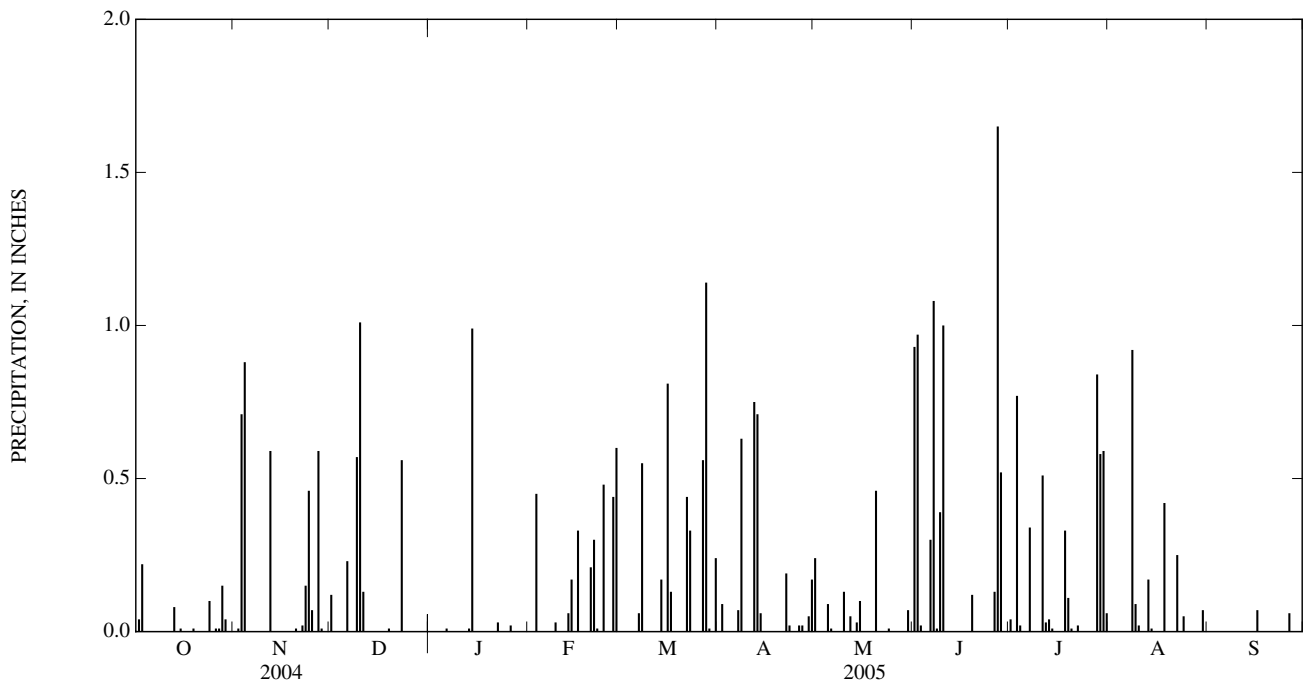
PERIOD OF RECORD.--April 1999 to current year.

GAGE.--Tipping-bucket raingage and electronic datalogger. Radio telemetry at station.

REMARKS.--Gage is operated as part of Charlotte/Mecklenburg Rainfall Runoff Network. Collection of frozen precipitation during January 2005 is not reflected in daily or monthly totals.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.24	0.93	0.04	0.00	0.00
2	0.04	0.01	0.00	0.00	0.00	0.00	0.09	0.00	0.97	0.00	0.00	0.00
3	0.22	0.71	0.00	0.00	0.45	0.00	0.00	0.00	0.02	0.77	0.00	0.00
4	0.00	0.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.00
6	0.00	0.00	0.23	0.01	0.00	0.00	0.00	0.01	0.30	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.06	0.07	0.00	1.08	0.34	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.55	0.63	0.00	0.01	0.00	0.92	0.00
9	0.00	0.00	0.57	0.00	0.03	0.00	0.00	0.00	0.39	0.00	0.09	0.00
10	0.00	0.00	1.01	0.00	0.00	0.00	0.00	0.13	1.00	0.00	0.02	0.00
11	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.51	0.00	0.00
12	0.00	0.59	0.00	0.00	0.00	0.00	0.75	0.05	0.00	0.03	0.00	0.00
13	0.08	0.00	0.00	0.01	0.06	0.00	0.71	0.00	0.00	0.04	0.17	0.00
14	0.00	0.00	0.00	0.99	0.17	0.17	0.06	0.03	0.00	0.01	0.01	0.00
15	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.33	0.81	0.00	0.00	0.00	0.00	0.00	0.07
17	0.00	0.00	0.00	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.33	0.42	0.00
19	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.12	0.11	0.00	0.00
20	0.00	0.01	0.00	0.00	0.21	0.00	0.00	0.46	0.00	0.01	0.00	0.00
21	0.00	0.00	0.00	0.00	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.02	0.00	0.03	0.01	0.44	0.19	0.00	0.00	0.02	0.25	0.00
23	0.00	0.15	0.56	0.00	0.00	0.33	0.02	0.00	0.00	0.00	0.00	0.00
24	0.10	0.46	0.00	0.00	0.48	0.00	0.00	0.01	0.00	0.00	0.05	0.00
25	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.01	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.13	0.00	0.00	0.06
27	0.01	0.59	0.00	0.00	0.44	0.56	0.02	0.00	1.65	0.00	0.00	0.00
28	0.15	0.01	0.00	0.00	0.60	1.14	0.00	0.00	0.52	0.84	0.00	0.00
29	0.04	0.00	0.00	---	---	0.01	0.05	0.00	0.00	0.58	0.00	0.00
30	0.00	0.00	0.00	---	---	0.00	0.17	0.07	0.00	0.59	0.07	0.00
31	0.00	---	0.00	0.00	---	0.24	---	0.00	---	0.06	0.00	---
TOTAL	0.67	3.50	2.63	---	3.08	4.44	2.78	1.19	7.12	4.30	2.00	0.13



351502080512045 CRN50

LOCATION.--Lat 35°15'02", long 80°51'20", Mecklenburg County, Hydrologic Unit 03050103, Vest Treatment Plant, Charlotte, NC

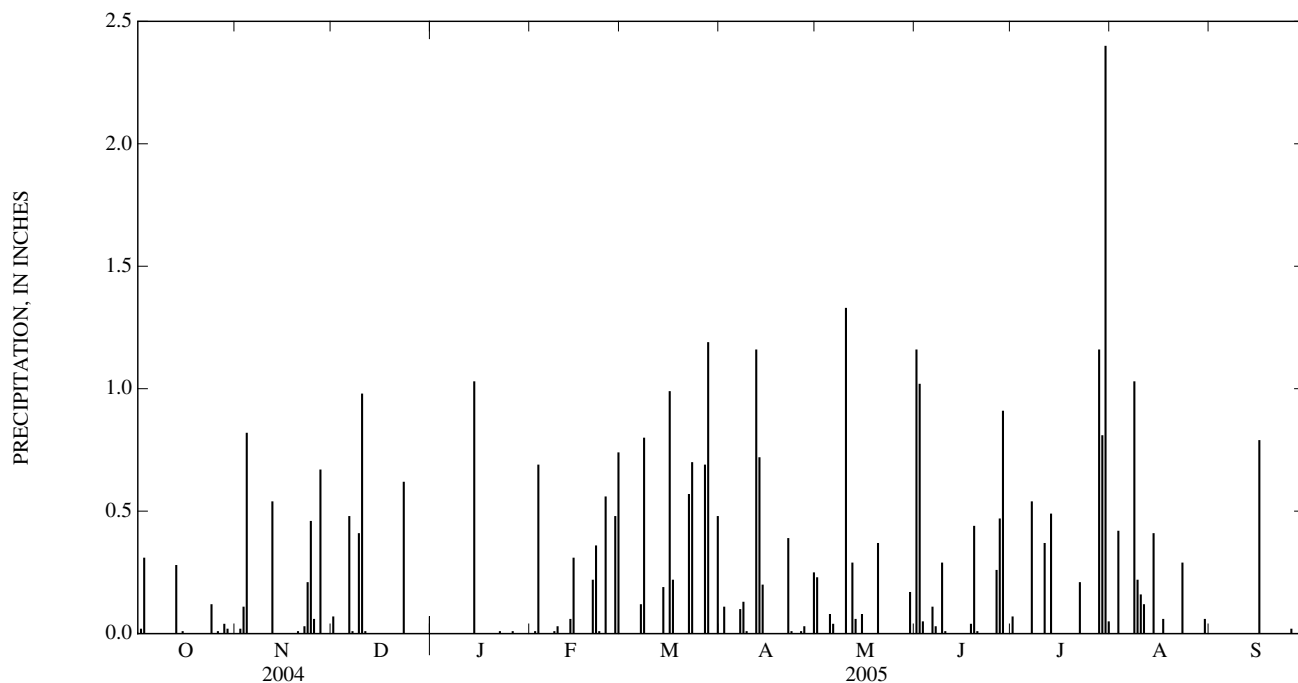
PERIOD OF RECORD.--October 2002 to September 2003. Records for July 1999 to June 2002 at site Oaklawn School of Math and Science (station 351503080510145).

GAGE.--Tipping-bucket raingage and electronic datalogger. Radio telemetry at station.

REMARKS.--Gage is operated as part of Charlotte/Mecklenburg Rainfall Runoff Network. Collection of frozen precipitation during January 2005 is not reflected in daily or monthly totals.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.23	1.16	0.07	0.00	0.00
2	0.02	0.02	0.00	0.00	0.01	0.00	0.11	0.00	1.02	0.00	0.00	0.00
3	0.31	0.11	0.00	0.00	0.69	0.00	0.00	0.00	0.05	0.00	0.42	0.00
4	0.00	0.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00
6	0.00	0.00	0.48	0.00	0.00	0.00	0.00	0.04	0.11	0.00	0.00	0.00
7	0.00	0.00	0.01	0.00	0.00	0.12	0.10	0.00	0.03	0.54	0.00	0.00
8	0.00	0.00	0.00	0.00	0.01	0.80	0.13	0.00	0.00	0.00	1.03	0.00
9	0.00	0.00	0.41	0.00	0.03	0.00	0.01	0.00	0.29	0.00	0.22	0.00
10	0.00	0.00	0.98	0.00	0.00	0.00	0.00	1.33	0.01	0.00	0.16	0.00
11	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.37	0.12	0.00
12	0.00	0.54	0.00	0.00	0.00	0.00	1.16	0.29	0.00	0.00	0.00	0.00
13	0.28	0.00	0.00	0.00	0.06	0.00	0.72	0.06	0.00	0.49	0.00	0.00
14	0.00	0.00	0.00	1.03	0.31	0.19	0.20	0.00	0.00	0.00	0.41	0.00
15	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00	0.79
17	0.00	0.00	0.00	0.00	0.00	0.22	0.00	0.00	0.00	0.00	0.06	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.44	0.00	0.00	0.00
20	0.00	0.01	0.00	0.00	0.22	0.00	0.00	0.37	0.01	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.03	0.00	0.01	0.01	0.57	0.39	0.00	0.00	0.21	0.00	0.00
23	0.00	0.21	0.62	0.00	0.00	0.70	0.01	0.00	0.00	0.00	0.29	0.00
24	0.12	0.46	0.00	0.00	0.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.01	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.26	0.00	0.00	0.02
27	0.00	0.67	0.00	0.00	0.48	0.69	0.03	0.00	0.47	0.00	0.00	0.00
28	0.04	0.00	0.00	0.00	0.74	1.19	0.00	0.00	0.91	1.16	0.00	0.00
29	0.02	0.00	0.00	---	---	0.00	0.00	0.00	0.00	0.81	0.00	0.37
30	0.00	0.00	0.00	---	---	0.00	0.25	0.17	0.00	2.40	0.06	0.00
31	0.00	---	0.00	0.00	---	0.48	---	0.00	---	0.05	0.00	---
TOTAL	0.81	2.93	2.58	---	3.48	5.95	3.12	2.65	4.80	6.10	2.77	1.18



LOCATION.--Lat 35°23'00", long 80°42'54", Cabarrus County, Hydrologic Unit 03040105, Concord Regional Airport, Aviation Boulevard, Concord, NC.

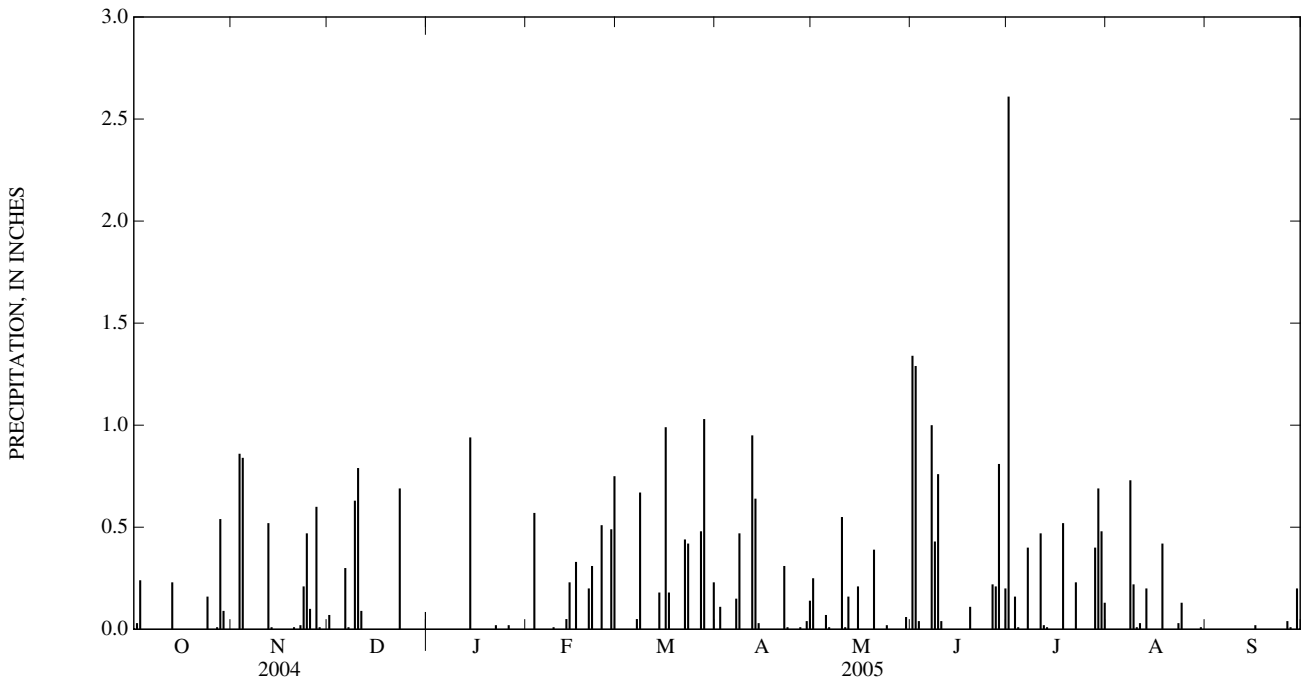
PERIOD OF RECORD.--June 2000 to current year.

GAGE.--Tipping-bucket raingage and electronic datalogger. Radio telemetry at station.

REMARKS.--Gage is operated as part of Charlotte/Mecklenburg Rainfall Runoff Network. Collection of frozen precipitation during January 2005 is not reflected in daily or monthly totals.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.25	1.34	2.61	0.00	0.00
2	0.03	0.00	0.00	0.00	0.00	0.00	0.11	0.00	1.29	0.00	0.00	0.00
3	0.24	0.86	0.00	0.00	0.57	0.00	0.00	0.00	0.04	0.16	0.00	0.00
4	0.00	0.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00
6	0.00	0.00	0.30	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
7	0.00	0.00	0.01	0.00	0.00	0.05	0.15	0.00	1.00	0.40	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.67	0.47	0.00	0.43	0.00	0.73	0.00
9	0.00	0.00	0.63	0.00	0.01	0.00	0.00	0.00	0.76	0.00	0.22	0.00
10	0.00	0.00	0.79	0.00	0.00	0.00	0.00	0.55	0.04	0.00	0.01	0.00
11	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.01	0.00	0.47	0.03	0.00
12	0.00	0.52	0.00	0.00	0.00	0.00	0.95	0.16	0.00	0.02	0.00	0.00
13	0.23	0.01	0.00	0.00	0.05	0.00	0.64	0.00	0.00	0.01	0.20	0.00
14	0.00	0.00	0.00	0.94	0.23	0.18	0.03	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.33	0.99	0.00	0.00	0.00	0.00	0.00	0.02
17	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.52	0.42	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00
20	0.00	0.01	0.00	0.00	0.20	0.00	0.00	0.39	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.02	0.00	0.02	0.00	0.44	0.31	0.00	0.00	0.23	0.00	0.00
23	0.00	0.21	0.69	0.00	0.00	0.42	0.01	0.00	0.00	0.00	0.03	0.00
24	0.16	0.47	0.00	0.00	0.51	0.00	0.00	0.02	0.00	0.00	0.13	0.00
25	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.22	0.00	0.00	0.04
27	0.01	0.60	0.00	0.00	0.49	0.48	0.01	0.00	0.21	0.00	0.00	0.01
28	0.54	0.01	0.00	0.00	0.75	1.03	0.00	0.00	0.81	0.40	0.00	0.00
29	0.09	0.00	0.00	---	---	0.00	0.04	0.00	0.00	0.69	0.00	0.20
30	0.00	0.00	0.00	---	---	0.00	0.14	0.06	0.20	0.48	0.01	0.00
31	0.00	---	0.00	0.00	---	0.23	---	0.00	---	0.13	0.00	---
TOTAL	1.30	3.65	2.58	---	3.45	4.67	2.86	1.73	6.45	6.13	1.78	0.27



351753081011745 CRN52

LOCATION.--Lat 35°17'53", long 81°01'13", Gaston County, Hydrologic Unit 03050101, Ida Rankin Elementary School, Central Avenue, Mt. Holly, NC.

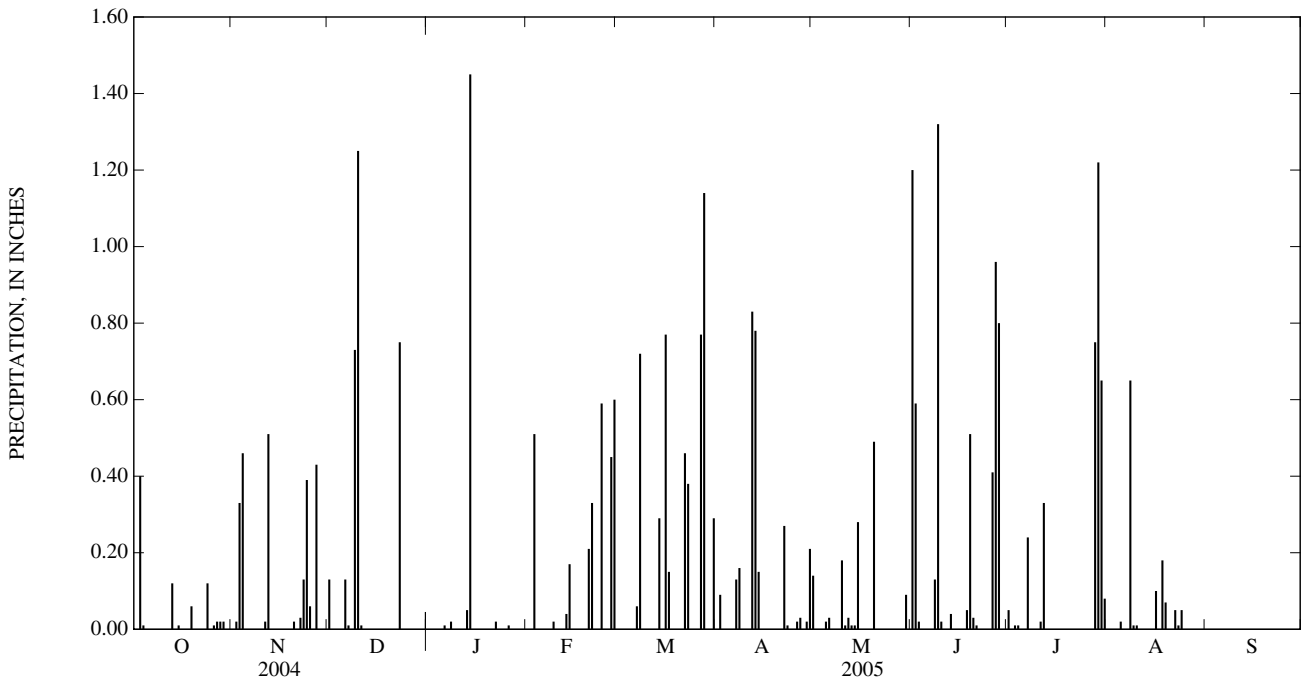
PERIOD OF RECORD.--May 2000 to current year.

GAGE.--Tipping-bucket raingage and electronic datalogger. Radio telemetry at station.

REMARKS.--Gage is operated as part of Charlotte/Mecklenburg Rainfall Runoff Network. Collection of frozen precipitation during January 2005 is not reflected in daily or monthly totals.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.14	1.20	0.05	0.00	0.00
2	0.00	0.02	0.00	0.00	0.00	0.00	0.09	0.00	0.59	0.00	0.00	0.00
3	0.40	0.33	0.00	0.00	0.51	0.00	0.00	0.00	0.02	0.01	0.00	0.00
4	0.01	0.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.02	0.00
6	0.00	0.00	0.13	0.01	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00
7	0.00	0.00	0.01	0.00	0.00	0.06	0.13	0.00	0.00	0.24	0.00	0.00
8	0.00	0.00	0.00	0.02	0.00	0.72	0.16	0.00	0.13	0.00	0.65	0.00
9	0.00	0.00	0.73	0.00	0.02	0.00	0.00	0.00	1.32	0.00	0.01	0.00
10	0.00	0.00	1.25	0.00	0.00	0.00	0.00	1.18	0.02	0.00	0.01	0.00
11	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.02	0.00	0.00
12	0.00	0.51	0.00	0.00	0.00	0.00	0.83	0.03	0.00	0.33	0.00	0.00
13	0.12	0.00	0.00	0.05	0.04	0.00	0.78	0.01	0.04	0.00	0.00	0.00
14	0.00	0.00	0.00	1.45	0.17	0.29	0.15	0.01	0.00	0.00	0.00	0.00
15	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.28	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.77	0.00	0.00	0.00	0.00	0.10	0.00
17	0.00	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.18	0.00
19	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.51	0.00	0.07	0.00
20	0.00	0.02	0.00	0.00	0.21	0.00	0.00	0.49	0.03	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.33	0.00	0.00	0.00	0.01	0.00	0.00	0.00
22	0.00	0.03	0.00	0.02	0.00	0.46	0.27	0.00	0.00	0.00	0.05	0.00
23	0.00	0.13	0.75	0.00	0.00	0.38	0.01	0.00	0.00	0.00	0.01	0.00
24	0.12	0.39	0.00	0.00	0.59	0.00	0.00	0.00	0.00	0.00	0.05	0.00
25	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.01	0.00	0.00	0.01	0.00	0.00	0.02	0.00	0.41	0.00	0.00	0.00
27	0.02	0.43	0.00	0.00	0.45	0.77	0.03	0.00	0.96	0.00	0.00	0.00
28	0.02	0.00	0.00	0.00	0.60	1.14	0.00	0.00	0.80	0.75	0.00	0.00
29	0.02	0.00	0.00	---	---	0.00	0.02	0.00	0.00	1.22	0.00	0.00
30	0.00	0.00	0.00	---	---	0.00	0.21	0.09	0.00	0.65	0.00	0.00
31	0.00	---	0.00	0.00	---	0.29	---	0.00	---	0.08	0.00	---
TOTAL	0.79	2.40	3.01	---	2.92	5.03	2.70	1.29	6.09	3.36	1.15	0.00



LOCATION.--Lat 35°14'12", long 80°54'08", Mecklenburg County, Hydrologic Unit 03050103, Harding University High School, Alleghany Street, Charlotte, NC.

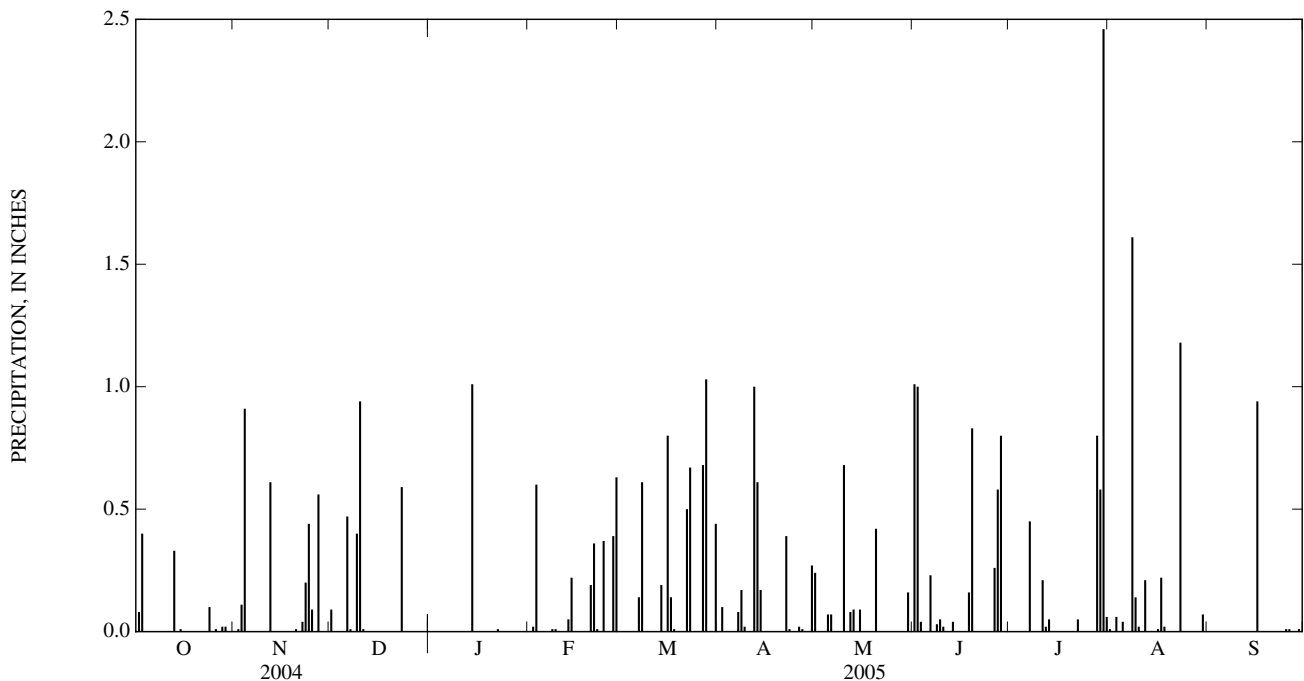
PERIOD OF RECORD.--May 2000 to current year.

GAGE.--Tipping-bucket raingage and electronic datalogger. Radio telemetry at station.

REMARKS.--Gage is operated as part of Charlotte/Mecklenburg Rainfall Runoff Network. Collection of frozen precipitation during January 2005 is not reflected in daily or monthly totals.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.24	1.01	0.00	0.01	0.00
2	0.08	0.01	0.00	0.00	0.02	0.00	0.10	0.00	1.00	0.00	0.00	0.00
3	0.40	0.11	0.00	0.00	0.60	0.00	0.00	0.00	0.04	0.00	0.06	0.00
4	0.00	0.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.04	0.00
6	0.00	0.00	0.47	0.00	0.00	0.00	0.00	0.07	0.23	0.00	0.00	0.00
7	0.00	0.00	0.01	0.00	0.00	0.14	0.08	0.00	0.00	0.45	0.00	0.00
8	0.00	0.00	0.00	0.00	0.01	0.61	0.17	0.00	0.03	0.00	1.61	0.00
9	0.00	0.00	0.40	0.00	0.01	0.00	0.02	0.00	0.05	0.00	0.14	0.00
10	0.00	0.00	0.94	0.00	0.00	0.00	0.00	0.68	0.02	0.00	0.02	0.00
11	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.00	0.00
12	0.00	0.61	0.00	0.00	0.00	0.00	1.00	0.08	0.00	0.02	0.21	0.00
13	0.33	0.00	0.00	0.00	0.05	0.00	0.61	0.09	0.04	0.05	0.00	0.00
14	0.00	0.00	0.00	1.01	0.22	0.19	0.17	0.00	0.00	0.00	0.00	0.00
15	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.80	0.00	0.00	0.00	0.00	0.01	0.94
17	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.22	0.00
18	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.16	0.00	0.02	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.83	0.00	0.00	0.00
20	0.00	0.01	0.00	0.00	0.19	0.00	0.00	0.42	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.04	0.00	0.01	0.01	0.50	0.39	0.00	0.00	0.05	0.00	0.00
23	0.00	0.20	0.59	0.00	0.00	0.67	0.01	0.00	0.00	0.00	1.18	0.00
24	0.10	0.44	0.00	0.00	0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
26	0.01	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.26	0.00	0.00	0.01
27	0.00	0.56	0.00	0.00	0.39	0.68	0.01	0.00	0.58	0.00	0.00	0.00
28	0.02	0.00	0.00	0.00	0.63	1.03	0.00	0.00	0.80	0.80	0.00	0.00
29	0.02	0.00	0.00	---	---	0.00	0.00	0.00	0.00	0.58	0.00	0.01
30	0.00	0.00	0.00	---	---	0.00	0.27	0.16	0.00	2.46	0.07	0.00
31	0.00	---	0.00	0.00	---	0.44	---	0.00	---	0.06	0.00	---
TOTAL	0.97	2.98	2.51	---	2.86	5.21	2.85	1.90	5.05	4.68	3.59	0.97



351741080475045 CRN54

LOCATION.--Lat 35°17'43", long 80°47'46", Mecklenburg County, Hydrologic Unit 03040105, Derita Elementary School, West Sugar Creek Road, Charlotte, NC.

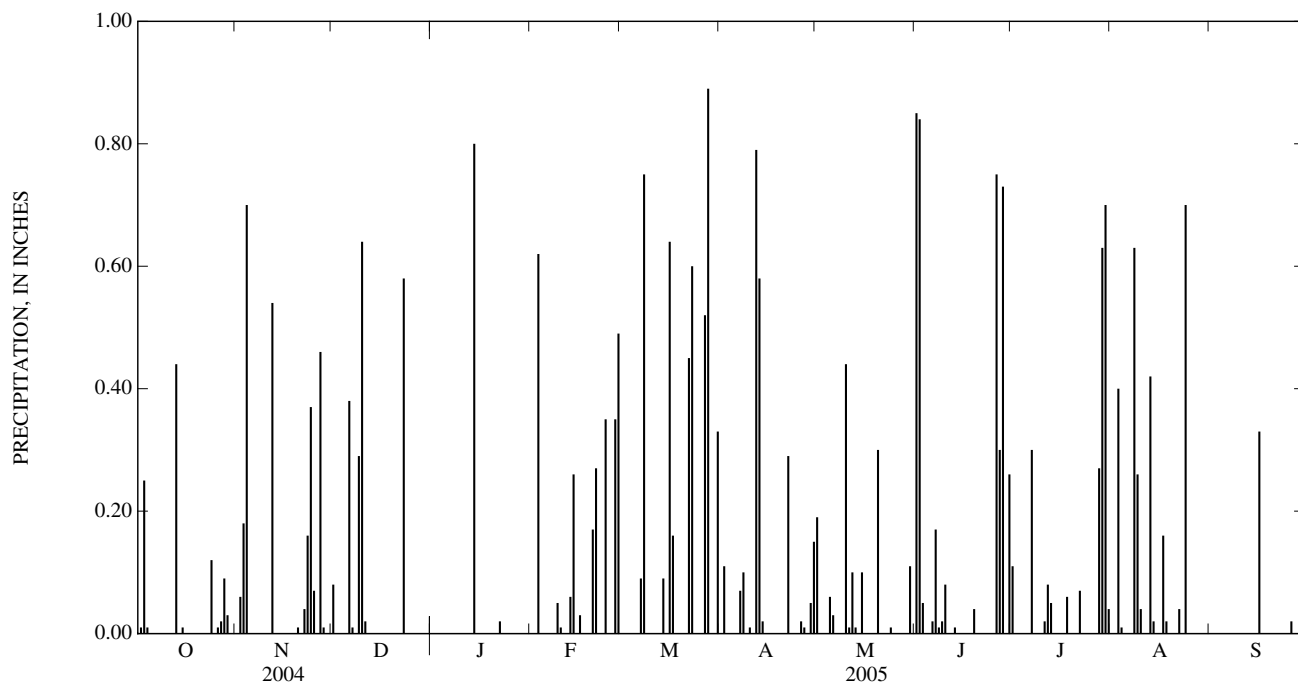
PERIOD OF RECORD.--May 2000 to current year.

GAGE.--Tipping-bucket raingage and electronic datalogger. Radio telemetry at station.

REMARKS.--Gage is operated as part of Charlotte/Mecklenburg Rainfall Runoff Network. Collection of frozen precipitation during January 2005 is not reflected in daily or monthly totals.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.19	0.85	0.11	0.00	0.00
2	0.01	0.06	0.00	0.00	0.00	0.00	0.11	0.00	0.84	0.00	0.00	0.00
3	0.25	0.18	0.00	0.00	0.62	0.00	0.00	0.00	0.05	0.00	0.40	0.00
4	0.01	0.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00
6	0.00	0.00	0.38	0.00	0.00	0.00	0.00	0.03	0.02	0.00	0.00	0.00
7	0.00	0.00	0.01	0.00	0.00	0.09	0.07	0.00	0.17	0.30	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.75	0.10	0.00	0.01	0.00	0.63	0.00
9	0.00	0.00	0.29	0.00	0.05	0.00	0.00	0.00	0.02	0.00	0.26	0.00
10	0.00	0.00	0.64	0.00	0.01	0.00	0.01	0.44	0.08	0.00	0.04	0.00
11	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.01	0.00	0.02	0.00	0.00
12	0.00	0.54	0.00	0.00	0.00	0.00	0.79	0.10	0.00	0.08	0.00	0.00
13	0.44	0.00	0.00	0.00	0.06	0.00	0.58	0.01	0.01	0.05	0.42	0.00
14	0.00	0.00	0.00	0.80	0.26	0.09	0.02	0.00	0.00	0.00	0.02	0.00
15	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.03	0.64	0.00	0.00	0.00	0.00	0.00	0.33
17	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.16	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.02	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00
20	0.00	0.01	0.00	0.00	0.17	0.00	0.00	0.30	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.04	0.00	0.02	0.00	0.45	0.29	0.00	0.00	0.07	0.04	0.00
23	0.00	0.16	0.58	0.00	0.00	0.60	0.00	0.00	0.00	0.00	0.00	0.00
24	0.12	0.37	0.00	0.00	0.35	0.00	0.00	0.01	0.00	0.00	0.70	0.00
25	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.01	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.75	0.00	0.00	0.02
27	0.02	0.46	0.00	0.00	0.35	0.52	0.01	0.00	0.30	0.00	0.00	0.00
28	0.09	0.01	0.00	0.00	0.49	0.89	0.00	0.00	0.73	0.27	0.00	0.00
29	0.03	0.00	0.00	---	---	0.00	0.05	0.00	0.00	0.63	0.00	0.00
30	0.00	0.00	0.00	---	---	0.00	0.15	0.11	0.26	0.70	0.00	0.00
31	0.00	---	0.00	0.00	---	0.33	---	0.00	---	0.04	0.00	---
TOTAL	0.99	2.60	2.00	---	2.66	4.52	2.20	1.36	4.13	2.33	2.70	0.35



LOCATION.--Lat 35°03'26", long 80°55'15", York County, South Carolina, Hydrologic Unit 03050103, private residence, Hammond Road, Fort Mill, SC.

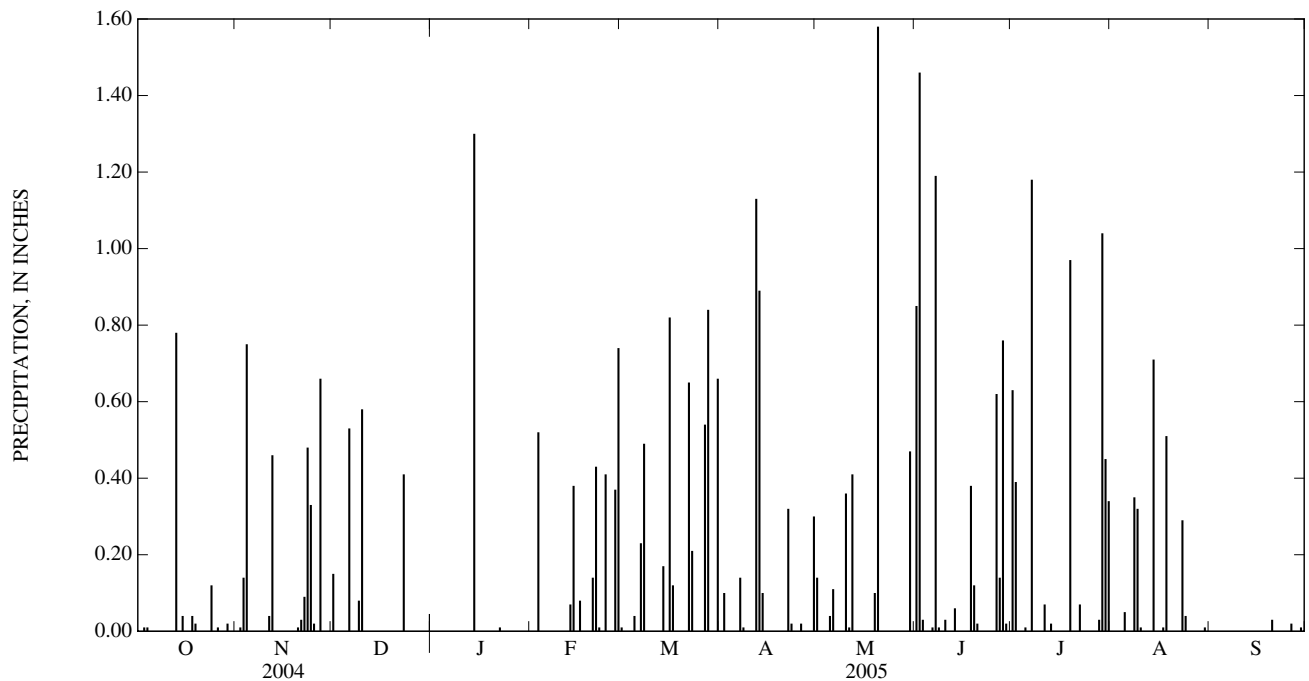
PERIOD OF RECORD.--June 2000 to current year.

GAGE.--Tipping-bucket raingage and electronic datalogger. Radio telemetry at station.

REMARKS.--Gage is operated as part of Charlotte/Mecklenburg Rainfall Runoff Network. Collection of frozen precipitation during January 2005 is not reflected in daily or monthly totals.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.15	0.00	0.00	0.01	0.00	0.14	0.85	0.63	0.00	0.00
2	0.00	0.01	0.00	0.00	0.00	0.00	0.10	0.00	1.46	0.39	0.00	0.00
3	0.01	0.14	0.00	0.00	0.52	0.00	0.00	0.00	0.03	0.00	0.00	0.00
4	0.01	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.04	0.00	0.01	0.05	0.00
6	0.00	0.00	0.53	0.00	0.00	0.00	0.00	0.11	0.01	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.23	0.14	0.00	1.19	1.18	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.49	0.01	0.00	0.01	0.00	0.35	0.00
9	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.32	0.00
10	0.00	0.00	0.58	0.00	0.00	0.00	0.00	0.36	0.03	0.00	0.01	0.00
11	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.07	0.00	0.00
12	0.00	0.46	0.00	0.00	0.00	0.00	1.13	0.41	0.00	0.00	0.00	0.00
13	0.78	0.00	0.00	0.00	0.07	0.00	0.89	0.00	0.06	0.02	0.00	0.00
14	0.00	0.00	0.00	1.30	0.38	0.17	0.10	0.00	0.00	0.00	0.71	0.00
15	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.08	0.82	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.01	0.00
18	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.38	0.00	0.51	0.00
19	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.12	0.97	0.00	0.00
20	0.00	0.01	0.00	0.00	0.14	0.00	0.00	1.58	0.02	0.00	0.00	0.03
21	0.00	0.03	0.00	0.00	0.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.09	0.00	0.01	0.01	0.65	0.32	0.00	0.00	0.07	0.00	0.00
23	0.00	0.48	0.41	0.00	0.00	0.21	0.02	0.00	0.00	0.00	0.29	0.00
24	0.12	0.33	0.00	0.00	0.41	0.00	0.00	0.00	0.00	0.00	0.04	0.00
25	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.01	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.62	0.00	0.00	0.02
27	0.00	0.66	0.00	0.00	0.37	0.54	0.00	0.00	0.14	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.74	0.84	0.00	0.00	0.76	0.03	0.00	0.00
29	0.02	0.00	0.00	---	---	0.00	0.00	0.00	0.02	1.04	0.00	0.01
30	0.00	0.00	0.00	---	---	0.00	0.30	0.47	0.00	0.45	0.01	0.00
31	0.00	---	0.00	0.00	---	0.66	---	0.00	---	0.34	0.00	---
TOTAL	1.05	3.02	1.75	---	3.15	4.78	3.03	3.22	5.70	5.20	2.30	0.06



350635080513245 CRN56

LOCATION.--Lat 35°06'35", long 80°51'32", Mecklenburg County, Hydrologic Unit 03050103, South Mecklenburg High School, Park Road, Charlotte, NC.

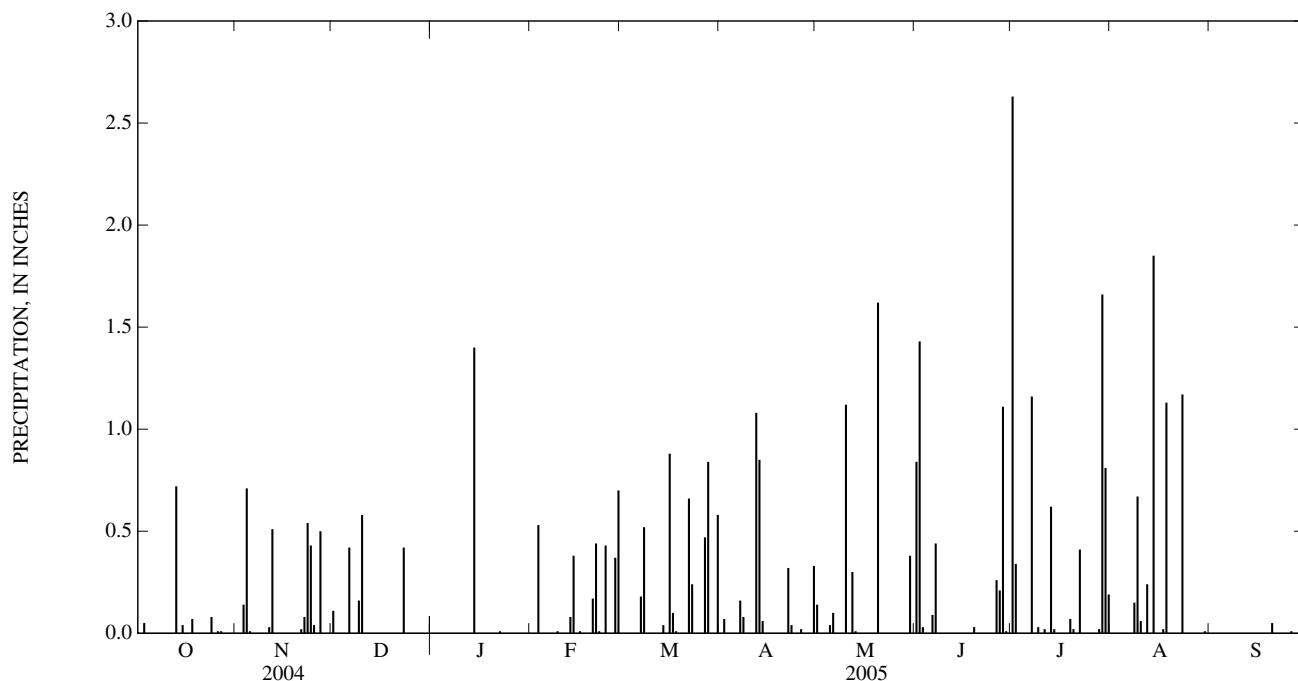
PERIOD OF RECORD.--May 2000 to current year.

GAGE.--Tipping-bucket raingage and electronic datalogger. Radio telemetry at station.

REMARKS.--Gage is operated as part of Charlotte/Mecklenburg Rainfall Runoff Network. Collection of frozen precipitation during January 2005 is not reflected in daily or monthly totals.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.14	0.84	2.63	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	1.43	0.34	0.00	0.00
3	0.05	0.14	0.00	0.00	0.53	0.00	0.00	0.00	0.03	0.00	0.00	0.00
4	0.00	0.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00
6	0.00	0.00	0.42	0.00	0.00	0.00	0.00	0.10	0.09	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.18	0.16	0.00	0.44	1.16	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.52	0.08	0.00	0.00	0.00	0.15	0.00
9	0.00	0.00	0.16	0.00	0.01	0.00	0.00	0.00	0.00	0.03	0.67	0.00
10	0.00	0.00	0.58	0.00	0.00	0.00	0.00	1.12	0.00	0.00	0.06	0.00
11	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00
12	0.00	0.51	0.00	0.00	0.00	0.00	1.08	0.30	0.00	0.00	0.24	0.00
13	0.72	0.00	0.00	0.00	0.08	0.00	0.85	0.01	0.00	0.62	0.00	0.00
14	0.00	0.00	0.00	1.40	0.38	0.04	0.06	0.00	0.00	0.02	1.85	0.00
15	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.01	0.88	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.02	0.00
18	0.07	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	1.13	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.07	0.00	0.00
20	0.00	0.00	0.00	0.00	0.17	0.00	0.00	1.62	0.00	0.02	0.00	0.05
21	0.00	0.02	0.00	0.00	0.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.08	0.00	0.01	0.01	0.66	0.32	0.00	0.00	0.41	0.00	0.00
23	0.00	0.54	0.42	0.00	0.00	0.24	0.04	0.00	0.00	0.00	1.17	0.00
24	0.08	0.43	0.00	0.00	0.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.01	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.26	0.00	0.00	0.01
27	0.01	0.50	0.00	0.00	0.37	0.47	0.00	0.00	0.21	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.70	0.84	0.00	0.00	1.11	0.02	0.00	0.00
29	0.00	0.00	0.00	---	---	0.00	0.00	0.00	0.01	1.66	0.00	0.26
30	0.00	0.00	0.00	---	---	0.00	0.33	0.38	0.00	0.81	0.01	0.00
31	0.00	---	0.00	0.00	---	0.58	---	0.00	---	0.19	0.00	---
TOTAL	0.98	3.01	1.69	---	3.13	4.52	3.01	3.71	4.45	8.00	5.30	0.32



LOCATION.--Lat 35°11'03", long 80°41'22", Mecklenburg County, Hydrologic Unit 03050103, Lebanon Road Elementary School, Lebanon Road, Charlotte, NC.

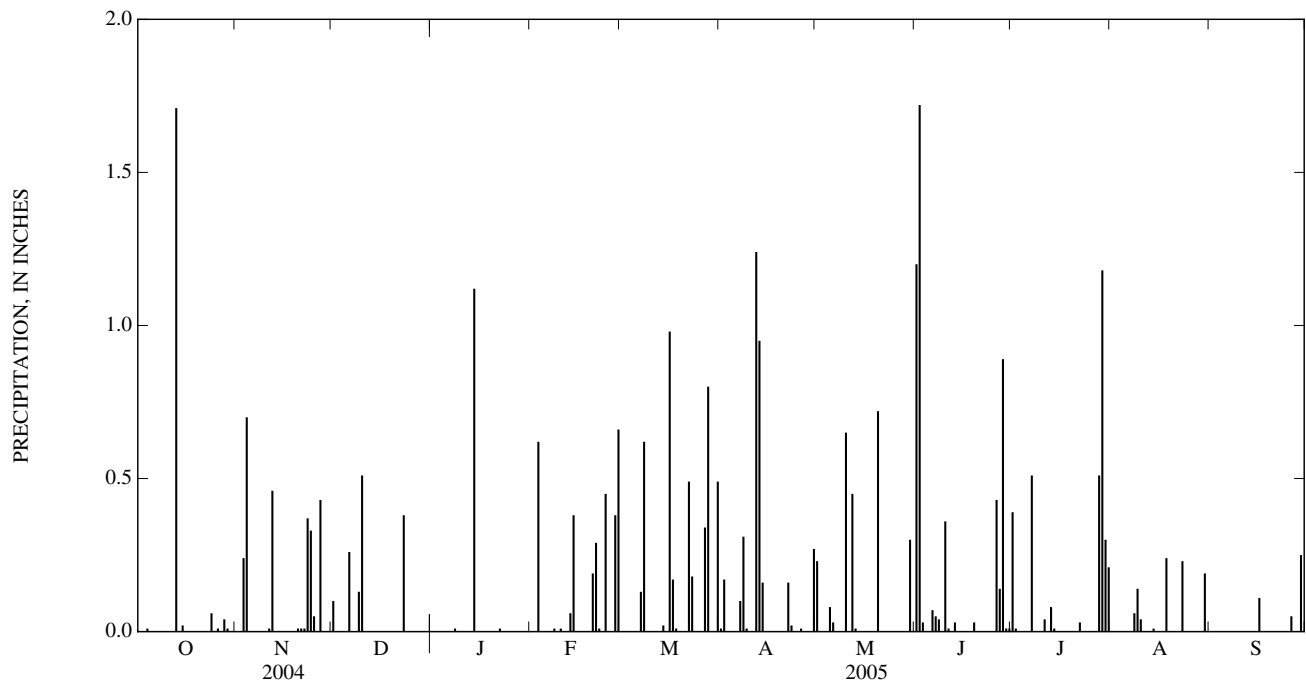
PERIOD OF RECORD.--April 2000 to current year.

GAGE.--Tipping-bucket raingage and electronic datalogger. Radio telemetry at station.

REMARKS.--Gage is operated as part of Charlotte/Mecklenburg Rainfall Runoff Network. Collection of frozen precipitation during January 2005 is not reflected in daily or monthly totals.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.10	0.00	0.00	0.00	0.01	0.23	1.20	0.39	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.00	1.72	0.01	0.00	0.00
3	0.00	0.24	0.00	0.00	0.62	0.00	0.00	0.00	0.03	0.00	0.00	0.00
4	0.01	0.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00
6	0.00	0.00	0.26	0.00	0.00	0.00	0.00	0.03	0.07	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.13	0.10	0.00	0.05	0.51	0.00	0.00
8	0.00	0.00	0.00	0.01	0.01	0.62	0.31	0.00	0.04	0.00	0.06	0.00
9	0.00	0.00	0.13	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.14	0.00
10	0.00	0.00	0.51	0.00	0.01	0.00	0.00	0.65	0.36	0.00	0.04	0.00
11	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.04	0.00	0.00
12	0.00	0.46	0.00	0.00	0.00	0.00	1.24	0.45	0.00	0.00	0.00	0.00
13	1.71	0.00	0.00	0.00	0.06	0.00	0.95	0.01	0.03	0.08	0.00	0.00
14	0.00	0.00	0.00	1.12	0.38	0.02	0.16	0.00	0.00	0.01	0.01	0.00
15	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00	0.11
17	0.00	0.00	0.00	0.00	0.00	0.17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.24	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00
20	0.00	0.01	0.00	0.00	0.19	0.00	0.00	0.72	0.00	0.00	0.00	0.00
21	0.00	0.01	0.00	0.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.01	0.00	0.01	0.01	0.49	0.16	0.00	0.00	0.03	0.00	0.00
23	0.00	0.37	0.38	0.00	0.00	0.18	0.02	0.00	0.00	0.00	0.23	0.00
24	0.06	0.33	0.00	0.00	0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.43	0.00	0.00	0.05
27	0.00	0.43	0.00	0.00	0.38	0.34	0.00	0.00	0.14	0.00	0.00	0.00
28	0.04	0.00	0.00	0.00	0.66	0.80	0.00	0.00	0.89	0.51	0.00	0.00
29	0.01	0.00	0.00	---	---	0.00	0.00	0.00	0.01	1.18	0.00	0.25
30	0.00	0.00	0.00	---	---	0.00	0.27	0.30	0.01	0.30	0.19	0.00
31	0.00	---	0.00	0.00	---	0.49	---	0.00	---	0.21	0.00	---
TOTAL	1.86	2.62	1.38	---	3.06	4.23	3.41	2.47	5.02	3.27	0.91	0.41



352006080462845 CRN58

LOCATION.--Lat 35°20'06", long 80°46'28", Mecklenburg County, North Carolina, Hydrologic Unit 03050103, Mallard Creek Elementary School, Charlotte, NC.

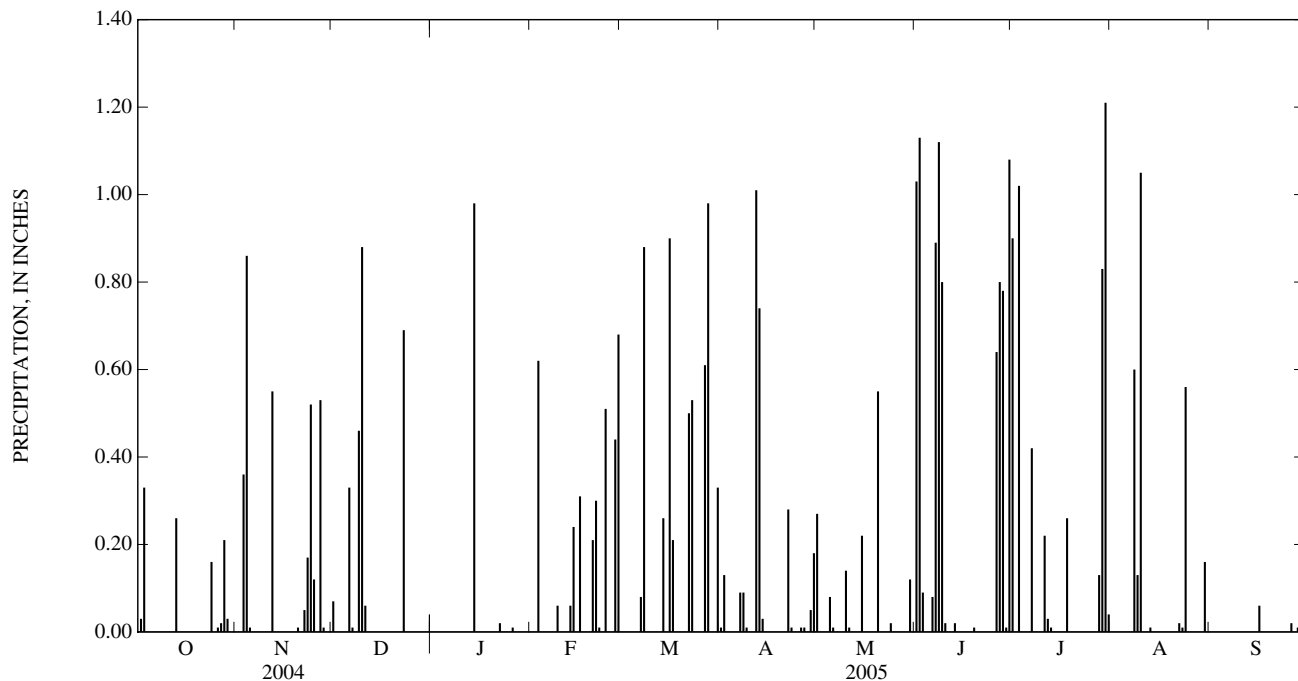
PERIOD OF RECORD.--October 2002 to September 2003. Records for June 2000 to June 2001 at site Highland Elementary School, Charlotte, NC (station 351441080481545).

GAGE.--Tipping-bucket raingage and electronic datalogger. Radio telemetry at station.

REMARKS.--Gage is operated as part of Charlotte/Mecklenburg Rainfall Runoff Network. Collection of frozen precipitation during January 2005 is not reflected in daily or monthly totals.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.07	0.00	0.00	0.00	0.01	0.27	1.03	0.90	0.00	0.00
2	0.03	0.00	0.00	0.00	0.00	0.00	0.13	0.00	1.13	0.00	0.00	0.00
3	0.33	0.36	0.00	0.00	0.62	0.00	0.00	0.00	0.09	1.02	0.00	0.00
4	0.00	0.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00
6	0.00	0.00	0.33	0.00	0.00	0.00	0.00	0.01	0.08	0.00	0.00	0.00
7	0.00	0.00	0.01	0.00	0.00	0.08	0.09	0.00	0.89	0.42	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.88	0.09	0.00	1.12	0.00	0.60	0.00
9	0.00	0.00	0.46	0.00	0.06	0.00	0.01	0.00	0.80	0.00	0.13	0.00
10	0.00	0.00	0.88	0.00	0.00	0.00	0.00	0.14	0.02	0.00	1.05	0.00
11	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.01	0.00	0.22	0.00	0.00
12	0.00	0.55	0.00	0.00	0.00	0.00	1.01	0.00	0.00	0.03	0.00	0.00
13	0.26	0.00	0.00	0.00	0.06	0.00	0.74	0.00	0.02	0.01	0.01	0.00
14	0.00	0.00	0.00	0.98	0.24	0.26	0.03	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.31	0.90	0.00	0.00	0.00	0.00	0.00	0.06
17	0.00	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.26	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
20	0.00	0.01	0.00	0.00	0.21	0.00	0.00	0.55	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.05	0.00	0.02	0.01	0.50	0.28	0.00	0.00	0.00	0.02	0.00
23	0.00	0.17	0.69	0.00	0.00	0.53	0.01	0.00	0.00	0.00	0.01	0.00
24	0.16	0.52	0.00	0.00	0.51	0.00	0.00	0.02	0.00	0.00	0.56	0.00
25	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.01	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.64	0.00	0.00	0.02
27	0.02	0.53	0.00	0.00	0.44	0.61	0.01	0.00	0.80	0.00	0.00	0.00
28	0.21	0.01	0.00	0.00	0.68	0.98	0.00	0.00	0.78	0.13	0.00	0.01
29	0.03	0.00	0.00	---	---	0.00	0.05	0.00	0.01	0.83	0.00	0.00
30	0.00	0.00	0.00	---	---	0.00	0.18	0.12	1.08	1.21	0.16	0.00
31	0.00	---	0.00	0.00	---	0.33	---	0.00	---	0.04	0.00	---
TOTAL	1.05	3.19	2.50	---	3.44	5.28	2.65	1.42	8.50	5.07	2.54	0.09



LOCATION.--Lat 35°06'24", long 81°02'33", York County, South Carolina, Hydrologic Unit 03050101, YMCA Camp Thunderbird, Thunderbird Lane, Lake Wylie, SC.

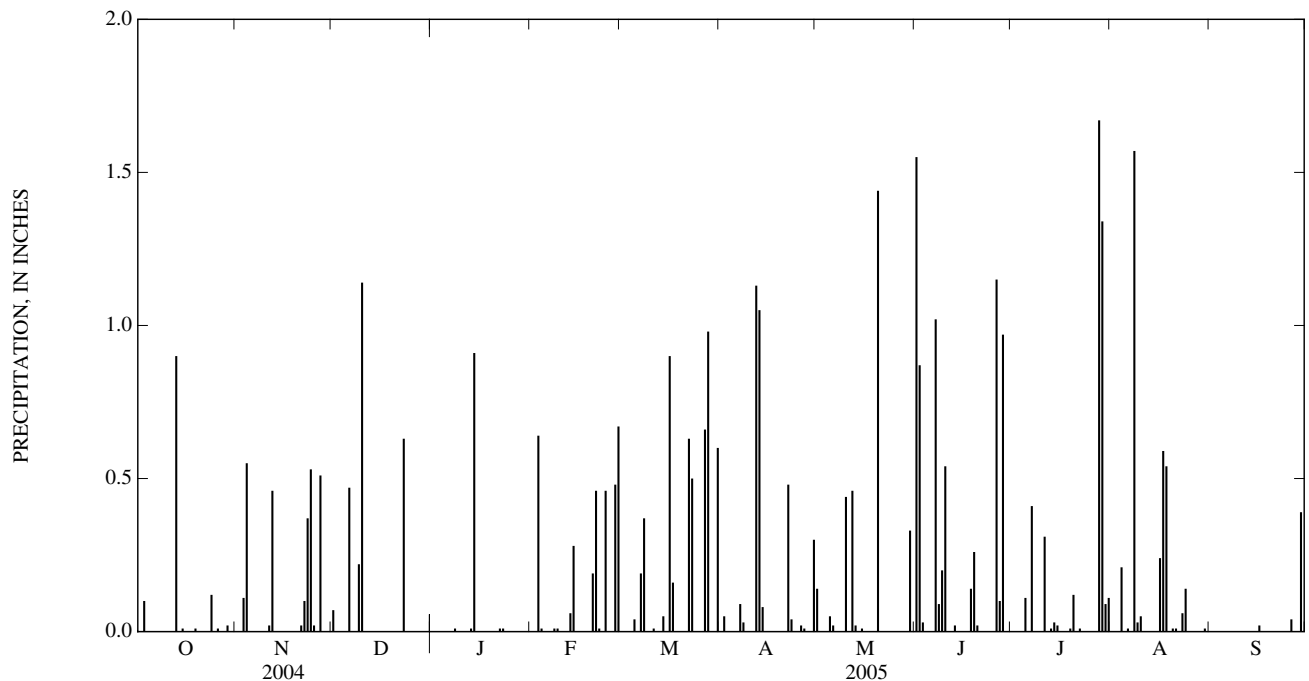
PERIOD OF RECORD.--June 2000 to current year.

GAGE.--Tipping-bucket raingage and electronic datalogger. Radio telemetry at station.

REMARKS.--Gage is operated as part of Charlotte/Mecklenburg Rainfall Runoff Network. Collection of frozen precipitation during January 2005 is not reflected in daily or monthly totals.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.14	1.55	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.87	0.00	0.00	0.00
3	0.10	0.11	0.00	0.00	0.64	0.00	0.00	0.00	0.03	0.00	0.00	0.00
4	0.00	0.55	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.21	0.00
5	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.05	0.00	0.11	0.00	0.00
6	0.00	0.00	0.47	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.01	0.00
7	0.00	0.00	0.00	0.00	0.00	0.19	0.09	0.00	1.02	0.41	0.00	0.00
8	0.00	0.00	0.00	0.01	0.01	0.37	0.03	0.00	0.09	0.00	1.57	0.00
9	0.00	0.00	0.22	0.00	0.01	0.00	0.00	0.00	0.20	0.00	0.03	0.00
10	0.00	0.00	1.14	0.00	0.00	0.00	0.00	0.44	0.54	0.00	0.05	0.00
11	0.00	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.31	0.00	0.00
12	0.00	0.46	0.00	0.00	0.00	0.00	1.13	0.46	0.00	0.00	0.00	0.00
13	0.90	0.00	0.00	0.01	0.06	0.00	1.05	0.02	0.02	0.01	0.00	0.00
14	0.00	0.00	0.00	0.91	0.28	0.05	0.08	0.00	0.00	0.03	0.00	0.00
15	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.02	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.90	0.00	0.00	0.00	0.00	0.24	0.02
17	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.59	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.54	0.00
19	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.26	0.01	0.00	0.00
20	0.00	0.00	0.00	0.00	0.19	0.00	0.00	1.44	0.02	0.12	0.01	0.00
21	0.00	0.02	0.00	0.00	0.46	0.00	0.00	0.00	0.00	0.00	0.01	0.00
22	0.00	0.10	0.00	0.01	0.01	0.63	0.48	0.00	0.00	0.01	0.00	0.00
23	0.00	0.37	0.63	0.01	0.00	0.50	0.04	0.00	0.00	0.00	0.06	0.00
24	0.12	0.53	0.00	0.00	0.46	0.00	0.00	0.00	0.00	0.00	0.14	0.00
25	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.01	0.00	0.00	0.00	0.00	0.00	0.02	0.00	1.15	0.00	0.00	0.04
27	0.00	0.51	0.00	0.00	0.48	0.66	0.01	0.00	0.10	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.67	0.98	0.00	0.00	0.97	1.67	0.00	0.00
29	0.02	0.00	0.00	---	---	0.00	0.00	0.00	0.00	1.34	0.00	0.39
30	0.00	0.00	0.00	---	---	0.00	0.30	0.33	0.00	0.09	0.01	0.00
31	0.00	---	0.00	0.00	---	0.60	---	0.00	---	0.11	0.00	---
TOTAL	1.17	2.69	2.53	---	3.28	5.09	3.28	2.91	6.96	4.24	3.47	0.45



351104080521845 CRN60

LOCATION.--Lat 35°11'05", long 80°52'18", Mecklenburg County, Hydrologic Unit 03050103, Collinswood Elementary School, Applegate Road, Charlotte, NC.

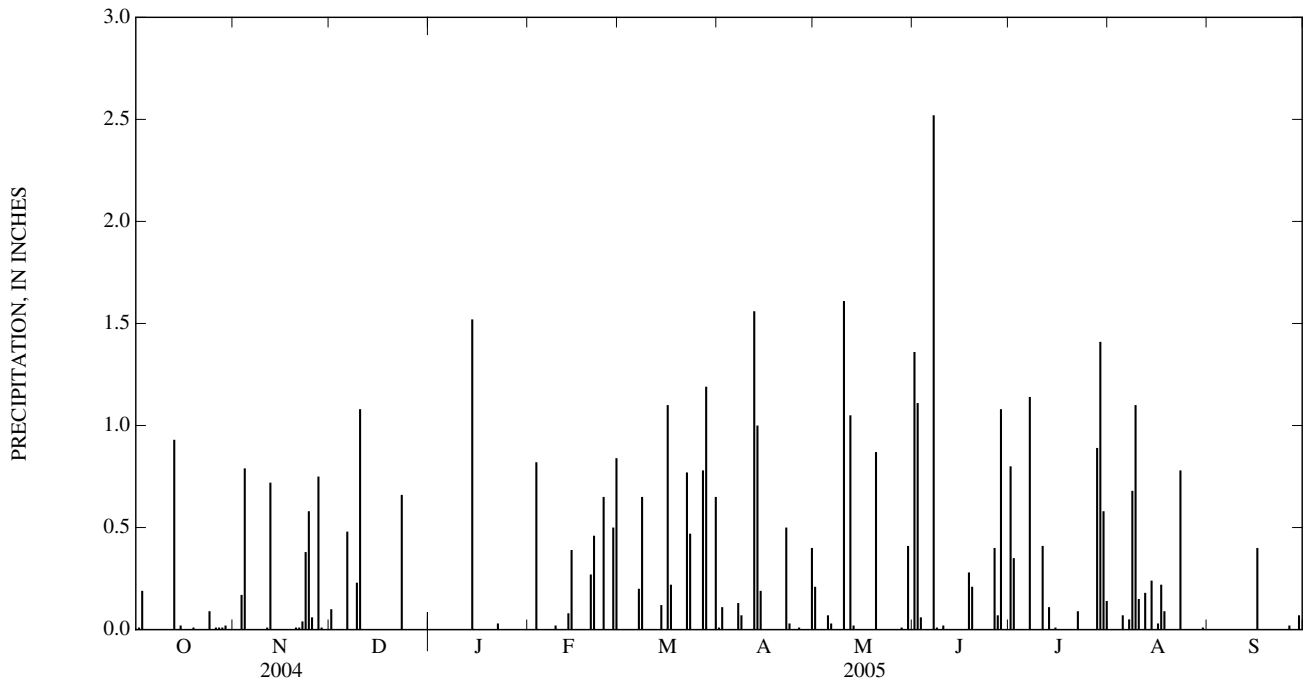
PERIOD OF RECORD.--April 2000 to current year.

GAGE.--Tipping-bucket raingage and electronic datalogger. Radio telemetry at station.

REMARKS.--Gage is operated as part of Charlotte/Mecklenburg Rainfall Runoff Network. Collection of frozen precipitation during January 2005 is not reflected in daily or monthly totals.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.10	0.00	0.00	0.00	0.01	0.21	1.36	0.80	0.00	0.00
2	0.01	0.00	0.00	0.00	0.00	0.00	0.11	0.00	1.11	0.35	0.00	0.00
3	0.19	0.17	0.00	0.00	0.82	0.00	0.00	0.00	0.06	0.00	0.00	0.00
4	0.00	0.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.07	0.00
6	0.00	0.00	0.48	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.20	0.13	0.00	2.52	1.14	0.05	0.00
8	0.00	0.00	0.00	0.00	0.00	0.65	0.07	0.00	0.01	0.00	0.68	0.00
9	0.00	0.00	0.23	0.00	0.02	0.00	0.00	0.00	0.00	0.00	1.10	0.00
10	0.00	0.00	1.08	0.00	0.00	0.00	0.00	1.61	0.02	0.00	0.15	0.00
11	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.41	0.00	0.00
12	0.00	0.72	0.00	0.00	0.00	0.00	1.56	1.05	0.00	0.00	0.18	0.00
13	0.93	0.00	0.00	0.00	0.08	0.00	1.00	0.02	0.00	0.11	0.00	0.00
14	0.00	0.00	0.00	1.52	0.39	0.12	0.19	0.00	0.00	0.00	0.24	0.00
15	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	1.10	0.00	0.00	0.00	0.00	0.03	0.40
17	0.00	0.00	0.00	0.00	0.00	0.22	0.00	0.00	0.00	0.00	0.22	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.28	0.00	0.09	0.00
19	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.00
20	0.00	0.01	0.00	0.00	0.27	0.00	0.00	0.87	0.00	0.00	0.00	0.00
21	0.00	0.01	0.00	0.00	0.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.04	0.00	0.03	0.00	0.77	0.50	0.00	0.00	0.09	0.00	0.00
23	0.00	0.38	0.66	0.00	0.00	0.47	0.03	0.00	0.00	0.00	0.78	0.00
24	0.09	0.58	0.00	0.00	0.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.40	0.00	0.00	0.02
27	0.01	0.75	0.00	0.00	0.50	0.78	0.00	0.00	0.07	0.00	0.00	0.00
28	0.01	0.01	0.00	0.00	0.84	1.19	0.00	0.01	1.08	0.89	0.00	0.00
29	0.02	0.00	0.00	---	---	0.00	0.00	0.00	0.00	1.41	0.00	0.07
30	0.00	0.00	0.00	---	---	0.00	0.40	0.41	0.00	0.58	0.01	0.00
31	0.00	---	0.00	0.00	---	0.65	---	0.00	---	0.14	0.00	---
TOTAL	1.30	3.53	2.55	---	4.03	6.15	4.01	4.28	7.12	5.93	3.60	0.49



LOCATION.--Lat 35°18'17", long 80°56'24", Mecklenburg County, Hydrologic Unit 03050101, Coulwood Middle School, 500 Kentberry Drive, Charlotte, NC.

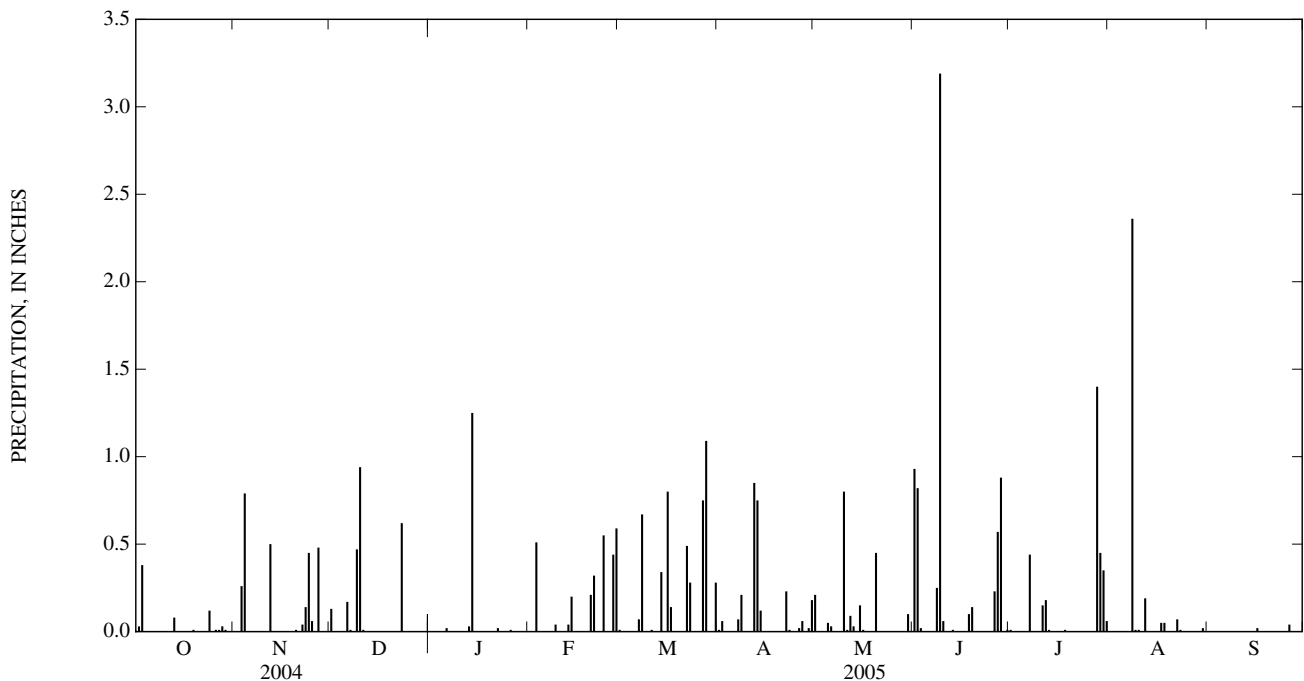
PERIOD OF RECORD.--October 2001 to current year.

GAGE.--Tipping-bucket raingage and electronic datalogger. Radio telemetry at station.

REMARKS.--Gage is operated as part of Charlotte/Mecklenburg Rainfall Runoff Network. Collection of frozen precipitation during January 2005 is not reflected in daily or monthly totals.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.13	0.00	0.00	0.01	0.01	0.21	0.93	0.01	0.00	0.00
2	0.03	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.82	0.00	0.00	0.00
3	0.38	0.26	0.00	0.00	0.51	0.00	0.00	0.00	0.02	0.00	0.00	0.00
4	0.00	0.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00
6	0.00	0.00	0.17	0.02	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00
7	0.00	0.00	0.01	0.00	0.00	0.07	0.07	0.00	0.00	0.44	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.67	0.21	0.00	0.25	0.00	2.36	0.00
9	0.00	0.00	0.47	0.00	0.04	0.00	0.00	0.00	3.19	0.00	0.01	0.00
10	0.00	0.00	0.94	0.00	0.00	0.00	0.00	0.80	0.06	0.00	0.01	0.00
11	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.15	0.00	0.00
12	0.00	0.50	0.00	0.00	0.00	0.00	0.85	0.09	0.00	0.18	0.19	0.00
13	0.08	0.00	0.00	0.03	0.04	0.00	0.75	0.03	0.01	0.01	0.00	0.00
14	0.00	0.00	0.00	1.25	0.20	0.34	0.12	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.80	0.00	0.01	0.00	0.00	0.00	0.02
17	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.05	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.01	0.05	0.00
19	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00
20	0.00	0.01	0.00	0.00	0.21	0.00	0.00	0.45	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.04	0.00	0.02	0.00	0.49	0.23	0.00	0.00	0.00	0.07	0.00
23	0.00	0.14	0.62	0.00	0.00	0.28	0.01	0.00	0.00	0.00	0.01	0.00
24	0.12	0.45	0.00	0.00	0.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.01	0.00	0.00	0.01	0.00	0.00	0.02	0.00	0.23	0.00	0.00	0.04
27	0.01	0.48	0.00	0.00	0.44	0.75	0.06	0.00	0.57	0.00	0.00	0.00
28	0.03	0.00	0.00	0.00	0.59	1.09	0.00	0.00	0.88	1.40	0.00	0.00
29	0.01	0.00	0.00	---	---	0.00	0.02	0.00	0.00	0.45	0.00	0.00
30	0.00	0.00	0.00	---	---	0.00	0.18	0.10	0.01	0.35	0.02	0.00
31	0.00	---	0.00	---	---	0.28	---	0.00	---	0.06	0.00	---
TOTAL	0.68	2.73	2.35	---	2.90	4.93	2.59	1.93	7.21	3.06	2.77	0.06



352523080535545 CRN62

LOCATION.--Lat 35°25'23", long 80°53'55", Mecklenburg County, Hydrologic Unit 03050101, Cooke Farm, Ervin Cooke Road, Charlotte, NC.

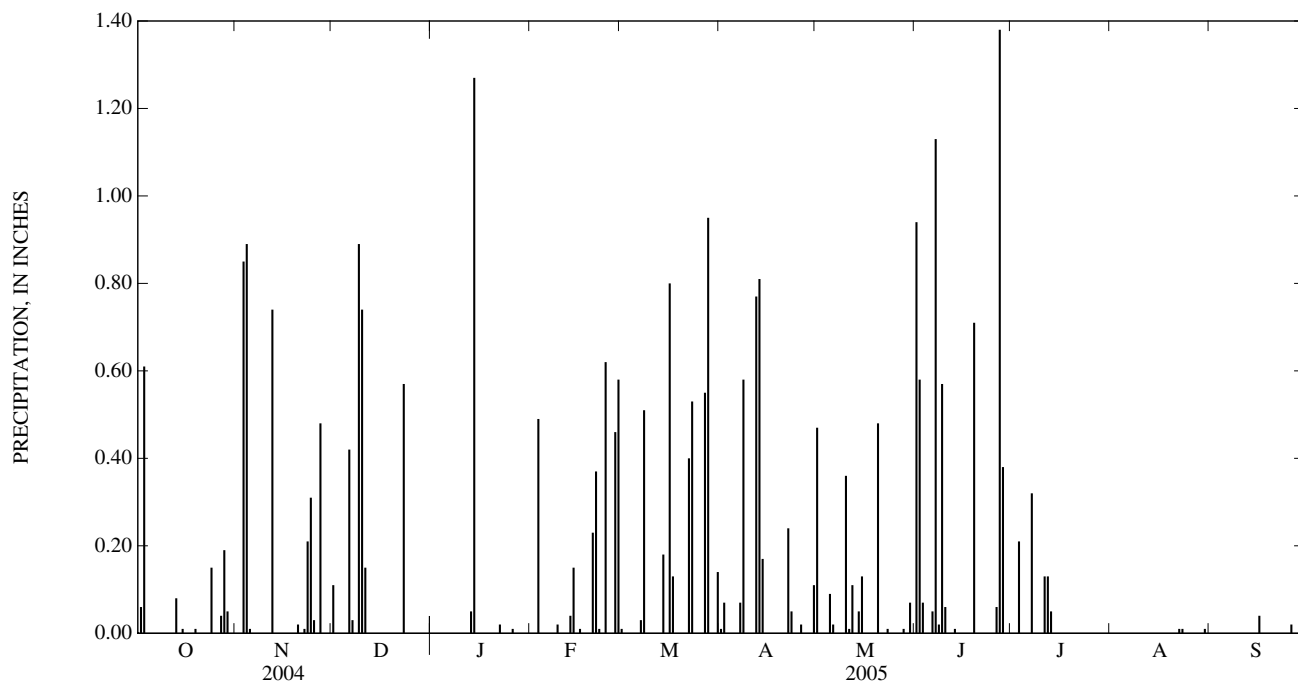
PERIOD OF RECORD.--November 2002 to September 2003.

GAGE.--Tipping-bucket raingage and electronic datalogger. Radio telemetry at station.

REMARKS.--Gage is operated as part of Charlotte/Mecklenburg Rainfall Runoff Network. Collection of frozen precipitation during January 2005 is not reflected in daily or monthly totals.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.11	0.00	0.00	0.01	0.01	0.47	0.94	0.00	---	0.00
2	0.06	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.58	0.00	---	0.00
3	0.61	0.85	0.00	0.00	0.49	0.00	0.00	0.00	0.07	0.21	---	0.00
4	0.00	0.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---	0.00
5	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00	---	0.00
6	0.00	0.00	0.42	0.00	0.00	0.00	0.00	0.02	0.05	0.00	---	0.00
7	0.00	0.00	0.03	0.00	0.00	0.03	0.07	0.00	1.13	0.32	---	0.00
8	0.00	0.00	0.00	0.00	0.00	0.51	0.58	0.00	0.02	0.00	---	0.00
9	0.00	0.00	0.89	0.00	0.02	0.00	0.00	0.00	0.57	0.00	---	0.00
10	0.00	0.00	0.74	0.00	0.00	0.00	0.00	0.36	0.06	0.00	---	0.00
11	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.01	0.00	0.13	---	0.00
12	0.00	0.74	0.00	0.00	0.00	0.00	0.77	0.11	0.00	0.13	---	0.00
13	0.08	0.00	0.00	0.05	0.04	0.00	0.81	0.00	0.01	0.05	---	0.00
14	0.00	0.00	0.00	1.27	0.15	0.18	0.17	0.05	0.00	0.00	---	0.00
15	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.00	0.00	---	0.00
16	0.00	0.00	0.00	0.00	0.01	0.80	0.00	0.00	0.00	---	---	0.04
17	0.00	0.00	0.00	0.00	0.00	0.13	0.00	0.00	0.00	---	---	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---	---	0.00
19	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.71	---	0.00	0.00
20	0.00	0.02	0.00	0.00	0.23	0.00	0.00	0.48	0.00	---	0.00	0.00
21	0.00	0.00	0.00	0.00	0.37	0.00	0.00	0.00	0.00	---	0.00	0.00
22	0.00	0.01	0.00	0.02	0.01	0.40	0.24	0.00	0.00	---	0.01	0.00
23	0.00	0.21	0.57	0.00	0.00	0.53	0.05	0.01	0.00	---	0.01	0.00
24	0.15	0.31	0.00	0.00	0.62	0.00	0.00	0.00	0.00	---	0.00	0.00
25	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---	0.00	0.00
26	0.00	0.00	0.00	0.01	0.00	0.00	0.02	0.00	0.06	---	0.00	0.02
27	0.04	0.48	0.00	0.00	0.46	0.55	0.00	0.00	1.38	---	0.00	0.00
28	0.19	0.00	0.00	0.00	0.58	0.95	0.00	0.01	0.38	---	0.00	0.00
29	0.05	0.00	0.00	---	---	0.00	0.00	0.00	0.00	---	0.00	0.00
30	0.00	0.00	0.00	---	---	0.00	0.11	0.07	0.00	---	0.01	0.00
31	0.00	---	0.00	0.00	---	0.14	---	0.00	---	---	0.00	---
TOTAL	1.20	3.55	2.91	---	2.98	4.23	2.90	1.81	5.96	---	---	0.06



LOCATION.--Lat 35°19'28", long 80°51'56", Mecklenburg County, Hydrologic Unit 03050101, Hornets Nest Elementary School, Beatties Ford Road, Charlotte, NC.

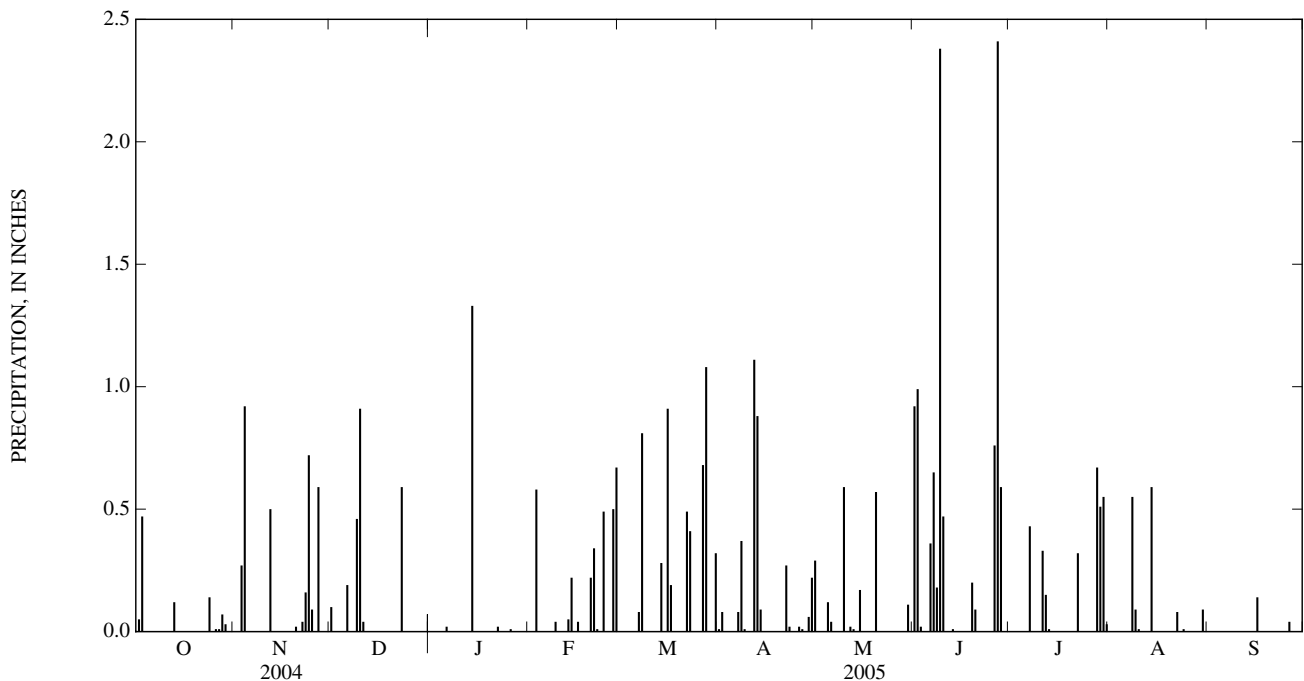
PERIOD OF RECORD.--October 2001 to current year.

GAGE.--Tipping-bucket raingage and electronic datalogger. Radio telemetry at station.

REMARKS.--Gage is operated as part of Charlotte/Mecklenburg Rainfall Runoff Network. Collection of frozen precipitation during January 2005 is not reflected in daily or monthly totals.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.10	0.00	0.00	0.00	0.01	0.29	0.92	0.00	0.00	0.00
2	0.05	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.99	0.00	0.00	0.00
3	0.47	0.27	0.00	0.00	0.58	0.00	0.00	0.00	0.02	0.00	0.00	0.00
4	0.00	0.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.00	0.00
6	0.00	0.00	0.19	0.02	0.00	0.00	0.00	0.04	0.36	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.08	0.08	0.00	0.65	0.43	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.81	0.37	0.00	0.18	0.00	0.55	0.00
9	0.00	0.00	0.46	0.00	0.04	0.00	0.01	0.00	2.38	0.00	0.09	0.00
10	0.00	0.00	0.91	0.00	0.00	0.00	0.00	0.59	0.47	0.00	0.01	0.00
11	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.33	0.00	0.00
12	0.00	0.50	0.00	0.00	0.00	0.00	1.11	0.02	0.00	0.15	0.00	0.00
13	0.12	0.00	0.00	0.00	0.05	0.00	0.88	0.01	0.01	0.01	0.00	0.00
14	0.00	0.00	0.00	1.33	0.22	0.28	0.09	0.00	0.00	0.00	0.59	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.04	0.91	0.00	0.00	0.00	0.00	0.00	0.14
17	0.00	0.00	0.00	0.00	0.00	0.19	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.00	0.00	0.00
20	0.00	0.02	0.00	0.00	0.22	0.00	0.00	0.57	0.09	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.04	0.00	0.02	0.01	0.49	0.27	0.00	0.00	0.32	0.08	0.00
23	0.00	0.16	0.59	0.00	0.00	0.41	0.02	0.00	0.00	0.00	0.00	0.00
24	0.14	0.72	0.00	0.00	0.49	0.00	0.00	0.00	0.00	0.00	0.01	0.00
25	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.01	0.00	0.00	0.01	0.00	0.00	0.02	0.00	0.76	0.00	0.00	0.04
27	0.01	0.59	0.00	0.00	0.50	0.68	0.01	0.00	2.41	0.00	0.00	0.00
28	0.07	0.00	0.00	0.00	0.67	1.08	0.00	0.00	0.59	0.67	0.00	0.00
29	0.03	0.00	0.00	---	---	0.00	0.06	0.00	0.00	0.51	0.00	0.00
30	0.00	0.00	0.00	---	---	0.00	0.22	0.11	0.00	0.55	0.09	0.00
31	0.00	---	0.00	0.00	---	0.32	---	0.00	---	0.03	0.00	---
TOTAL	0.90	3.31	2.29	---	3.16	5.25	3.23	1.92	10.03	3.00	1.42	0.18



351229080480145 CRN66

LOCATION.--Lat 35°12'29", long 80°48'03", Mecklenburg County, Hydrologic Unit 03050103, Chantilly Elementary School, Briar Creek Road, Charlotte, NC.

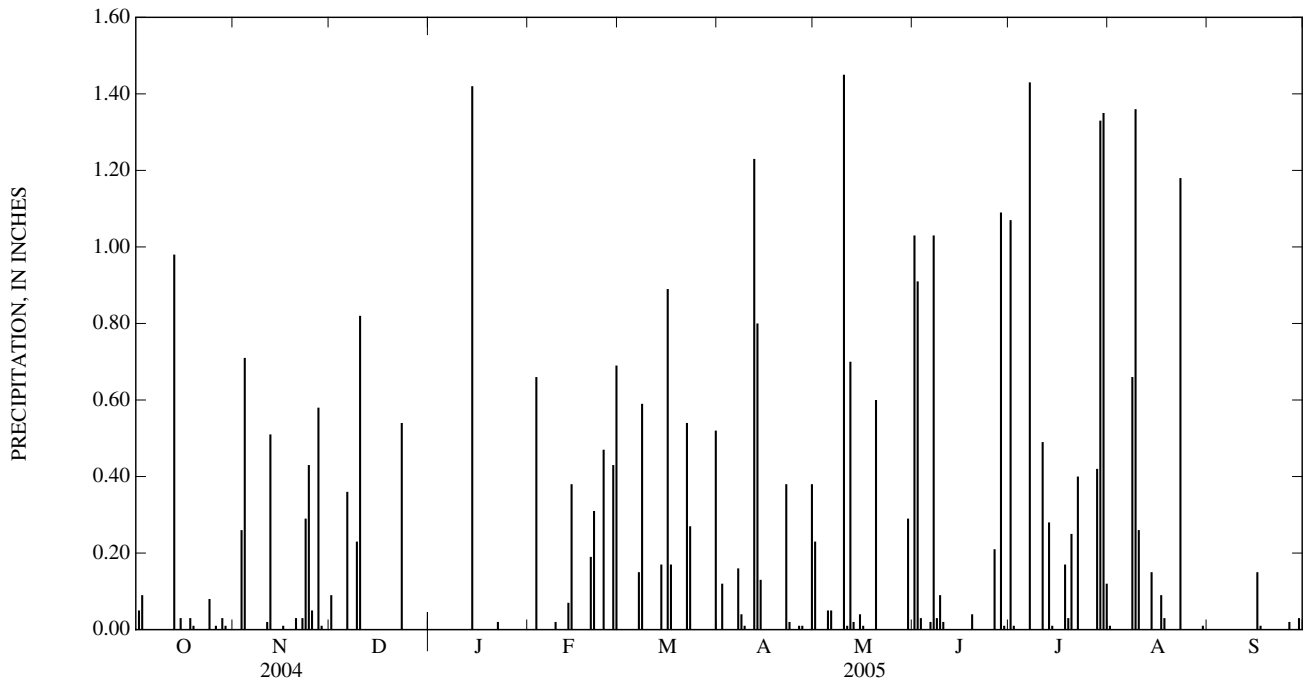
PERIOD OF RECORD.--February 2002 to current year.

GAGE.--Tipping-bucket raingage and electronic datalogger. Radio telemetry at station.

REMARKS.--Gage is operated as part of Charlotte/Mecklenburg Rainfall Runoff Network. Collection of frozen precipitation during January 2005 is not reflected in daily or monthly totals.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.23	1.03	1.07	0.01	0.00
2	0.05	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.91	0.01	0.00	0.00
3	0.09	0.26	0.00	0.00	0.66	0.00	0.00	0.00	0.03	0.00	0.00	0.00
4	0.00	0.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00
6	0.00	0.00	0.36	0.00	0.00	0.00	0.00	0.05	0.02	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.15	0.16	0.00	1.03	1.43	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.59	0.04	0.00	0.03	0.00	0.66	0.00
9	0.00	0.00	0.23	0.00	0.02	0.00	0.01	0.00	0.09	0.00	1.36	0.00
10	0.00	0.00	0.82	0.00	0.00	0.00	0.00	1.45	0.02	0.00	0.26	0.00
11	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.49	0.00	0.00
12	0.00	0.51	0.00	0.00	0.00	0.00	1.23	0.70	0.00	0.00	0.00	0.00
13	0.98	0.00	0.00	0.00	0.07	0.00	0.80	0.02	0.00	0.28	0.00	0.00
14	0.00	0.00	0.00	1.42	0.38	0.17	0.13	0.00	0.00	0.01	0.15	0.00
15	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00
16	0.00	0.01	0.00	0.00	0.00	0.89	0.00	0.01	0.00	0.00	0.00	0.15
17	0.00	0.00	0.00	0.00	0.00	0.17	0.00	0.00	0.00	0.00	0.09	0.01
18	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.03	0.00
19	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.03	0.00	0.00
20	0.00	0.03	0.00	0.00	0.19	0.00	0.00	0.60	0.00	0.25	0.00	0.00
21	0.00	0.00	0.00	0.00	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.03	0.00	0.02	0.00	0.54	0.38	0.00	0.00	0.40	0.00	0.00
23	0.00	0.29	0.54	0.00	0.00	0.27	0.02	0.00	0.00	0.00	1.18	0.00
24	0.08	0.43	0.00	0.00	0.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.21	0.00	0.00	0.02
27	0.00	0.58	0.00	0.00	0.43	---	0.01	0.00	0.00	0.00	0.00	0.00
28	0.03	0.01	0.00	0.00	0.69	---	0.00	0.00	1.09	0.42	0.00	0.00
29	0.01	0.00	0.00	---	---	---	0.00	0.00	0.01	1.33	0.00	0.03
30	0.00	0.00	0.00	---	---	---	0.38	0.29	0.00	1.35	0.01	0.00
31	0.00	---	0.00	0.00	---	0.52	---	0.00	---	0.12	0.00	---
TOTAL	1.32	2.93	2.04	---	3.22	---	3.29	3.45	4.51	7.36	3.75	0.21



LOCATION.--Lat 35°06'46", long 80°43'24", Mecklenburg County, Hydrologic Unit 03050103, Matthews Elementary School, McDowell Avenue, Matthews, NC.

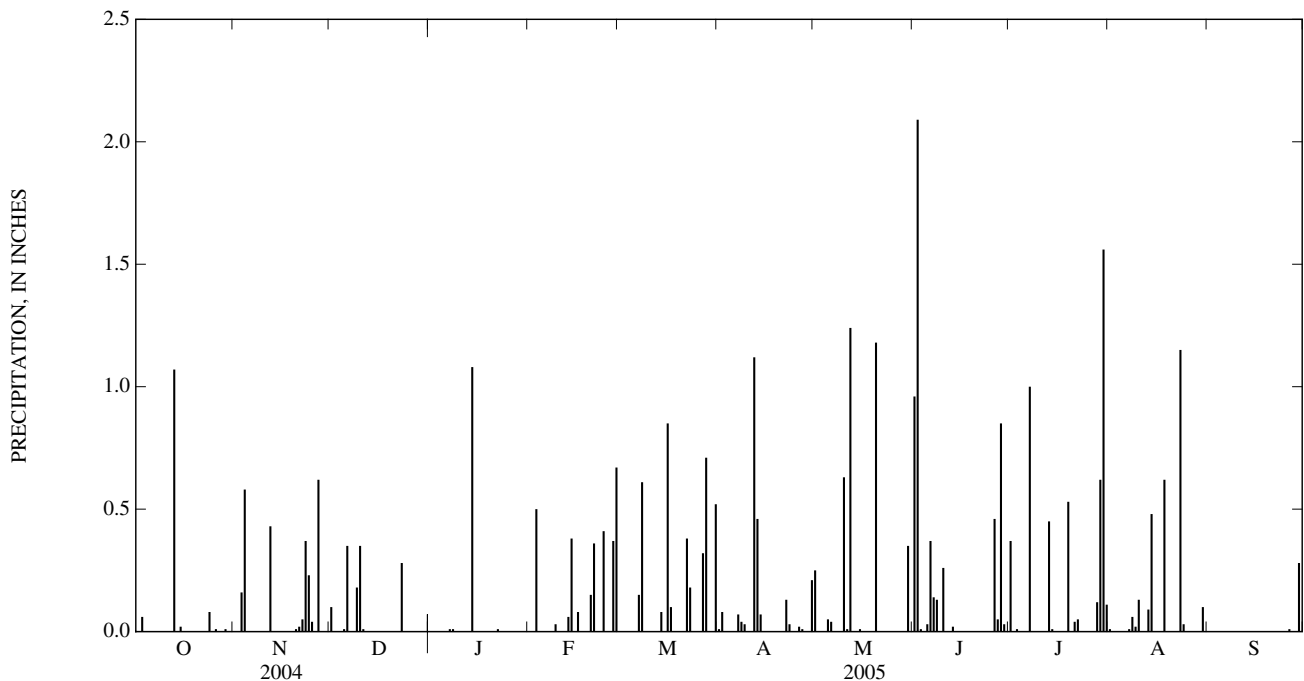
PERIOD OF RECORD.--October 2001 to current year.

GAGE.--Tipping-bucket raingage and electronic datalogger. Radio telemetry at station.

REMARKS.--Gage is operated as part of Charlotte/Mecklenburg Rainfall Runoff Network. Collection of frozen precipitation during January 2005 is not reflected in daily or monthly totals.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.10	0.00	0.00	0.00	0.01	0.25	0.96	0.37	0.01	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00	2.09	0.00	0.00	0.00
3	0.06	0.16	0.00	0.00	0.50	0.00	0.00	0.00	0.01	0.01	0.00	0.00
4	0.00	0.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.05	0.03	0.00	0.00	0.00
6	0.00	0.00	0.35	0.00	0.00	0.00	0.00	0.04	0.37	0.00	0.00	0.00
7	0.00	0.00	0.00	0.01	0.00	0.15	0.07	0.00	0.14	1.00	0.01	0.00
8	0.00	0.00	0.00	0.01	0.00	0.61	0.04	0.00	0.13	0.00	0.06	0.00
9	0.00	0.00	0.18	0.00	0.03	0.00	0.03	0.00	0.00	0.00	0.02	0.00
10	0.00	0.00	0.35	0.00	0.00	0.00	0.00	0.63	0.26	0.00	0.13	0.00
11	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
12	0.00	0.43	0.00	0.00	0.00	0.00	1.12	1.24	0.00	0.00	0.00	0.00
13	1.07	0.00	0.00	0.00	0.06	0.00	0.46	0.00	0.02	0.45	0.09	0.00
14	0.00	0.00	0.00	1.08	0.38	0.08	0.07	0.00	0.00	0.01	0.48	0.00
15	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.08	0.85	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.62	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.53	0.00	0.00
20	0.00	0.01	0.00	0.00	0.15	0.00	0.00	1.18	0.00	0.00	0.00	0.00
21	0.00	0.02	0.00	0.00	0.36	0.00	0.00	0.00	0.00	0.04	0.00	0.00
22	0.00	0.05	0.00	0.01	0.00	0.38	0.13	0.00	0.00	0.05	0.00	0.00
23	0.00	0.37	0.28	0.00	0.00	0.18	0.03	0.00	0.00	0.00	1.15	0.00
24	0.08	0.23	0.00	0.00	0.41	0.00	0.00	0.00	0.00	0.00	0.03	0.00
25	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.01	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.46	0.00	0.00	0.01
27	0.00	0.62	0.00	0.00	0.37	0.32	0.01	0.00	0.05	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.67	0.71	0.00	0.00	0.85	0.12	0.00	0.00
29	0.01	0.00	0.00	---	---	0.00	0.00	0.00	0.03	0.62	0.00	0.28
30	0.00	0.00	0.00	---	---	0.00	0.21	0.35	0.00	1.56	0.10	0.00
31	0.00	---	0.00	0.00	---	0.52	---	0.00	---	0.11	0.00	---
TOTAL	1.25	2.51	1.28	---	3.01	3.90	2.28	3.76	5.40	4.87	2.70	0.29



350630080455845 CRN70

LOCATION.--Lat 35°06'42", long 80°45'50", Mecklenburg County, Hydrologic Unit 03050103, Providence High School, Pineville-Matthews Road, Charlotte, NC.

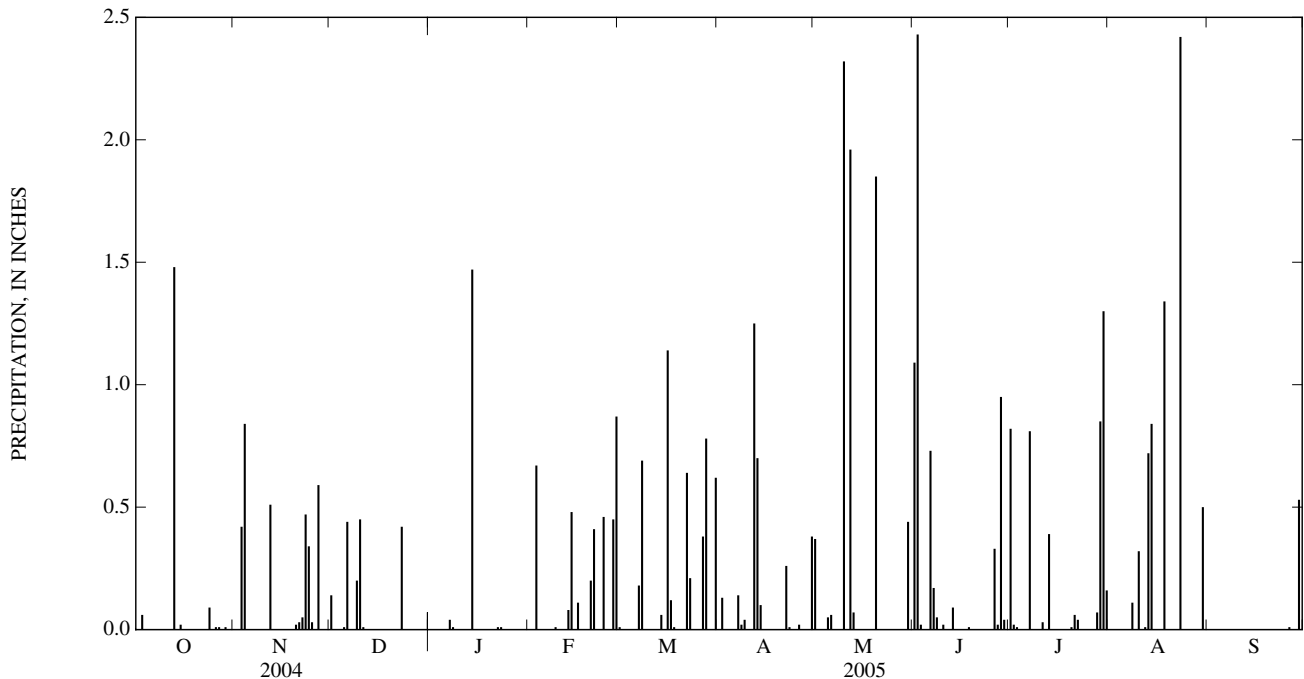
PERIOD OF RECORD.--October 2001 to current year.

GAGE.--Tipping-bucket raingage and electronic datalogger. Radio telemetry at station.

REMARKS.--Gage is operated as part of Charlotte/Mecklenburg Rainfall Runoff Network. Collection of frozen precipitation during January 2005 is not reflected in daily or monthly totals.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.14	0.00	0.00	0.01	0.00	0.37	1.09	0.82	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.00	2.43	0.02	0.00	0.00
3	0.06	0.42	0.00	0.00	0.67	0.00	0.00	0.00	0.02	0.01	0.00	0.00
4	0.00	0.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00
6	0.00	0.00	0.44	0.00	0.00	0.00	0.00	0.06	0.73	0.00	0.00	0.00
7	0.00	0.00	0.00	0.04	0.00	0.18	0.14	0.00	0.17	0.81	0.00	0.00
8	0.00	0.00	0.00	0.01	0.00	0.69	0.02	0.00	0.05	0.00	0.11	0.00
9	0.00	0.00	0.20	0.00	0.01	0.00	0.04	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.45	0.00	0.00	0.00	0.00	2.32	0.02	0.00	0.32	0.00
11	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00
12	0.00	0.51	0.00	0.00	0.00	0.00	1.25	1.96	0.00	0.00	0.01	0.00
13	1.48	0.00	0.00	0.00	0.08	0.00	0.70	0.07	0.09	0.39	0.72	0.00
14	0.00	0.00	0.00	1.47	0.48	0.06	0.10	0.00	0.00	0.00	0.84	0.00
15	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.11	1.14	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	1.34	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.02	0.00	0.00	0.20	0.00	0.00	1.85	0.00	0.01	0.00	0.00
21	0.00	0.03	0.00	0.00	0.41	0.00	0.00	0.00	0.00	0.06	0.00	0.00
22	0.00	0.05	0.00	0.01	0.00	0.64	0.26	0.00	0.00	0.04	0.00	0.00
23	0.00	0.47	0.42	0.01	0.00	0.21	0.01	0.00	0.00	0.00	2.42	0.00
24	0.09	0.34	0.00	0.00	0.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.01	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.33	0.00	0.00	0.01
27	0.01	0.59	0.00	0.00	0.45	0.38	0.00	0.00	0.02	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.87	0.78	0.00	0.00	0.95	0.07	0.00	0.00
29	0.01	0.00	0.00	---	---	0.00	0.00	0.00	0.04	0.85	0.00	0.53
30	0.00	0.00	0.00	---	---	0.00	0.38	0.44	0.00	1.30	0.50	0.00
31	0.00	---	0.00	---	---	0.62	---	0.00	---	0.16	0.00	---
TOTAL	1.68	3.30	1.67	---	3.74	4.84	3.05	7.12	5.95	4.57	6.26	0.54



LAKES AND RESERVOIRS IN SOUTH ATLANTIC SLOPE BASIN

02067800; 02067820 TALBOTT AND TOWNES RESERVOIRS

These two reservoirs on the Dan River are operated as a unit for storage of water for Pinnacles hydroelectric plant.

TALBOTT DAM

LOCATION.--Lat 36°40'36", long 80°23'51", Patrick County, Va, Hydrologic Unit 03010103, 4.5 mi northeast of Kibler.

DRAINAGE AREA.--20.2 mi².

TOWNES DAM

LOCATION.--Lat 36°41'11", long 80°25'49", Patrick County, Va, Hydrologic Unit 03010103, 4 mi north of Kibler.

DRAINAGE AREA.--32.9 mi².

PERIOD OF RECORD.--February 1939 to December 1945 and January 1948 to September 1960 (combined monthend contents only published in WSP 1723), October 1960 to current year.

REMARKS.--Total capacity of Talbott Reservoir is 350,000,000 ft³ and Townes Reservoir is 60,000,000 ft³. Filling was started in Talbott Reservoir Feb. 13, 1939, and in Townes Reservoir several months earlier. Records furnished by city of Danville, Virginia. (See station 02068500.)

02077280 HYCO LAKE

LOCATION.--Lat 36°30'42", long 79°02'50", Person County, Hydrologic Unit 03010104, at outlet control structure 0.4 mi northwest of dam on Hyco River, 1.1 mi southwest of McGehees Mill, and 8 mi northwest of Roxboro.

DRAINAGE AREA.--189 mi².

PERIOD OF RECORD.--October 1964 to current year. Prior to October 1970, published as "Roxboro Steam-Electric Generating Plant Lake."

GAGE.--Water-stage recorder and tape gage. Prior to Feb. 11, 1965, staff gage at upstream end of outlet control structure. Datum of gage is 399.79 ft above sea level (levels by Carolina Power and Light Co.).

REMARKS.--Lake, used for cooling water at the Roxboro Steam-Electric Generating Plant of Carolina Power and Light Co., first began to fill Sept. 19, 1964, and first reached spillway elevation (9.97 ft gage height) Mar. 19, 1965. Total capacity at top of spillway is 3,288,000,000 ft³. Lake cannot be drawn below -0.03 ft (bottom of gated flume).

02079964 LAKE GASTON

LOCATION.--Lat 36°30'04", long 77°48'43", Halifax County, Hydrologic Unit 03010106, at Gaston Dam on Roanoke River, 0.2 mi upstream from Black Gut Creek, and 2.7 mi northwest of Thelma.

DRAINAGE AREA.--8,310 mi².

PERIOD OF RECORD.--October 1962 to current year.

GAGE.--Water-stage recorder and staff gage. Datum of gage is sea level.

REMARKS.--Lake, used mainly for hydroelectric power development, was first filled Oct.13-15, 1962, and has a total capacity of 22,434,000,000 ft³. Usable capacity at top of spillway gates, 20,127,000,000 ft³, is between elevations 165 and 203 ft. Capacity reserved for flood control, 2,788,000 ft³, is between elevations 200 and 203 ft. Storage for power generation, 10,673,000,000 ft³, is between elevations 185 and 200 ft.

COOPERATION.--Records furnished by Virginia Electric and Power Co. (See station 02080500.)

02080100 ROANOKE RAPIDS LAKE

LOCATION.--Lat 36°28'44", long 77°40'23", Halifax County, Hydrologic Unit 03010107, at Roanoke Rapids Dam on Roanoke River, 1.5 mi upstream from bridge on State Highway 48, and 2.2 mi north of Roanoke Rapids.

DRAINAGE AREA.--8,371 mi².

PERIOD OF RECORD.--June 1955 to September 1960 (monthend contents only published in WSP 1723, October 1960 to current year.

GAGE.--Water-stage recorder and staff gage. Datum of gage is sea level.

REMARKS.--Lake, used for hydroelectric power development, was put in operation June 25, 1955, and has a total capacity of 3,360,220,000 ft³ at elevation 132.0 ft (normal high water). Usable capacity is 3,515,290,000 ft³ at 132.75 ft (top of gates).

COOPERATION.--Records furnished by Virginia Electric and Power Co. (See station 02080500.)

02087182 FALLS LAKE

LOCATION.--Lat 35°56'24", long 78°34'51", Wake County, Hydrologic Unit 03020201, above Falls Dam on Neuse River at Falls, 10 mi north of Raleigh, and 235 mi upstream from mouth.

DRAINAGE AREA.--771 mi².

PERIOD OF RECORD.--February 1979 to current year.

GAGE.--Datum of gage is sea level.

REMARKS.--Lake is used for flood control, water supply, low-flow augmentation, and recreation. Temporary filling began May 1981 for water supply for city of Raleigh during drought conditions. Jan. 13, 1983, gates closed and normal pool elevation of 250.1 ft was reached Dec. 7, 1983. (See station 02087183.) Total capacity of reservoir is 4,998,074,400 ft³ at elevation of 250.1 ft.

COOPERATION.--Records furnished by Corps of Engineers. (See station 02087183.)

LAKES AND RESERVOIRS IN SOUTH ATLANTIC SLOPE BASIN--Continued

02098197 B. EVERETT JORDAN LAKE

LOCATION.--Lat 35°39'16", long 79°04'06", Chatham County, Hydrologic Unit 03030002, at B. Everett Jordan Dam on Haw River, 0.3 mi downstream of mouth of New Hope River, 2.5 mi north of Moncure, 4.2 mi upstream from mouth of Haw River, and 202.2 mi upstream from mouth of Cape Fear River.

DRAINAGE AREA.--1,689 mi².

PERIOD OF RECORD.--December 1972 to current year.

GAGE.--Water-stage recorder and staff gage at dam. Datum of gage is sea level.

REMARKS.--Lake is used for flood control, water supply, low-flow augmentation, and recreation. Some storage was affected during construction and then operated temporarily as a "dry reservoir" January 1975 to August 1981. Reservoir began filling September 1981 and reached normal pool elevation, 216 ft, Feb. 4, 1982. Total capacity is 32,825,074,000 ft³ at 240.0 ft, of which 23,454,011,000 ft³ is controlled flood storage. (See station 02098198.)

02111391 W. KERR SCOTT RESERVOIR

LOCATION.--Lat 36°08'01", long 81°13'36", Wilkes County, Hydrologic Unit 03040101, at W. Kerr Scott Dam on Yadkin River, 0.1 mi upstream from Fish Trap Creek, 2.0 mi upstream from Millers Creek, and 4.0 mi west of Wilkesboro.

DRAINAGE AREA.--350 mi², approximately.

PERIOD OF RECORD.--August 1962 to current year.

GAGE.--Water-stage recorder and staff gage at dam. Datum of gage is sea level.

REMARKS.--Lake is used for flood control, low-flow augmentation, recreation, and water supply. Some storage was affected during construction in July 1962, but gates were closed Aug. 22, 1962. Reservoir reached normal pool elevation on Jan. 19, 1963. Total capacity at elevation 1075.0 ft is 6,664,680,000 ft³ of which 4,878,720,000 ft³ is controlled flood storage.

COOPERATION.--Records furnished by Corps of Engineers. (See station 02129000.)

02122400 HIGH ROCK LAKE

LOCATION.--Lat 35°36'02", long 80°14'05", Davidson County, Hydrologic Unit 03040103, at High Rock Dam on Yadkin River, 2 mi upstream from Lick Creek, 0.8 mi northwest of High Rock, and 256 mi upstream from mouth of Pee Dee River in Winyah Bay.

DRAINAGE AREA.--3,970 mi², approximately.

PERIOD OF RECORD.--November 1927 to September 1960 (monthend contents only, published in WSP 1723), October 1960 to current year.

GAGE.--Water-stage recorder and staff gage at dam. Datum of gage is 30.9 ft below sea level.

REMARKS.--Lake, used for hydroelectric power development, was first put in operation Nov. 7, 1927. Total capacity is 11,090,000,000 ft³. Usable capacity, 10,230,000,000 ft³, is between 625 and 655 ft gage datum (top of gates).

COOPERATION.--Records furnished by Yadkin, Inc. (See station 02129000.)

02122699 TUCKERTOWN RESERVOIR

LOCATION.--Lat 35°29'09", long 80°10'32", Stanly County, Hydrologic Unit 03040103, at Tuckertown Dam on Yadkin River, 2.5 mi upstream from Garr Creek, 3.8 mi northeast of New London, and 250 mi upstream from mouth of Pee Dee River in Winyah Bay.

DRAINAGE AREA.--4,100 mi², approximately.

PERIOD OF RECORD.--April 1962 to current year.

GAGE.--Remote water-stage recorder in powerhouse. Datum of gage is 30.9 ft below sea level.

REMARKS.--Lake, used for hydroelectric power development, was first filled Apr. 6, 1962. Total capacity is 1,852,400,000 ft³. Usable capacity, 293,800,000 ft³, is between 593 and 596 ft gage datum.

COOPERATION.--Records furnished by Yadkin, Inc. (See station 02129000.)

02122844 BADIN LAKE

LOCATION.--Lat 35°25'10", long 80°05'36", Stanly County, Hydrologic Unit 03040103, at Badin Dam on Yadkin River, 2.5 mi upstream from Falls Dam, 1.5 mi northeast of Badin, and 242 mi upstream from mouth of Pee Dee River in Winyah Bay.

DRAINAGE AREA.--4,150 mi², approximately.

PERIOD OF RECORD.--December 1917 to September 1960 (monthend contents only, published in WSP 1723), October 1960 to current year.

GAGE.--Water-stage recorder and staff gage at dam. Datum of gage is 30.9 ft below sea level.

REMARKS.--Lake, generally known as Narrows Reservoir, used for hydroelectric power development, was first put in operation July 12, 1917. Total capacity is 10,497,960,000 ft³. Usable capacity, 5,616,584,000 ft³, is between 510.00 and 541.10 ft.

COOPERATION.--Records furnished by Yadkin, Inc. (See station 02129000.)

02123736 LAKE TILLERY

LOCATION.--Lat 35°12'24", long 80°03'57", Stanly County, Hydrologic Unit 03040104, at Norwood Dam on Pee Dee River, 700 ft upstream from Norfolk Southern Railroad bridge, 5 mi upstream from Rocky River, 3.5 mi southeast of Norwood, and 224 mi upstream from mouth in Winyah Bay.

DRAINAGE AREA.--4,640 mi², approximately.

LAKES AND RESERVOIRS IN SOUTH ATLANTIC SLOPE BASIN--Continued

PERIOD OF RECORD.--February 1928 to September 1960 (monthend contents only, published in WSP 1723), October 1960 to current year.
 GAGE.--Water-stage recorder and float-tape gage at dam. Datum of gage is 38.67 ft above sea level (levels by Carolina Power and Light Co.).
 REMARKS.--Lake, used for hydroelectric power development, was first put in operation during January 1928. Total capacity is 7,274,520,000 ft³. Usable capacity, 5,927,040,000 ft³, is between elevations 200.5 and 239.5 ft gage datum (top of gates).
 COOPERATION.--Records furnished by Carolina Power and Light Co. (See station 02129000.)

02128800 BLEWETT FALLS LAKE

LOCATION.--Lat 34°58'58", long 79°52'40", Richmond County, Hydrologic Unit 03040104, at Blewett Falls Dam on Pee Dee River, 1.2 mi upstream from Cartledge Creek, 6.5 mi northwest of Rockingham, and 195 mi upstream from mouth in Winyah Bay.
 DRAINAGE AREA.--6,820 mi², approximately.
 PERIOD OF RECORD.--December 1929 to September 1960 (monthend contents only, published in WSP 1723), October 1960 to current year.
 GAGE.--Self-synchronous motor, dial indicator, and staff gage at dam. Datum of gage is 39.08 ft above sea level (levels by Carolina Power and Light Co.).
 REMARKS.--Lake, used for hydroelectric power development, was first put in use during 1911. Total capacity is 4,225,320,000 ft³. Usable capacity, 1,850,000,000 ft³, is between 120.0 and 139.0 ft gage datum (top of flashboards).
 COOPERATION.--Records furnished by Carolina Power and Light Co. (See station 02129000.)

02138519 LAKE JAMES

LOCATION.--Lat 35°44'36", long 81°50'22", Burke County, Hydrologic Unit 03050101, at Linville Dam at intake tower on Catawba River, 2.1 mi northeast of Bridgewater, and 279 mi upstream from mouth of Wateree River.
 DRAINAGE AREA.--383 mi², approximately.
 PERIOD OF RECORD.--March 1920 to September 1960 (monthend contents only, published in WSP 1723), October 1960 to current year.
 GAGE.--Float gage with self-synchronous motor to indicator in powerhouse. Staff gage at Catawba River Dam is also read when lake elevation drops below 1,160 ft, 60 ft gage datum, and lake becomes two separate reservoirs. Datum of gage is 1,100.00 ft above sea level (levels by Duke Power Co.).
 REMARKS.--Lake, generally known as Bridgewater Reservoir, used for hydroelectric power development, was first put in operation May 5, 1919. The total capacity is 12,581,800,000 ft³ at 100.0 ft gage datum (crest of spillway). Usable capacity, 7,943,700,000 ft³, is between 65.0 and 100.0 ft gage datum.
 COOPERATION.--Records furnished by Duke Power Co.

02141490 RHODHISS LAKE

LOCATION.--Lat 35°46'23", long 81°26'29", Caldwell County, Hydrologic Unit 03050101, at Rhodhiss Dam on Catawba River, 0.8 mi west of Rhodhiss, 1.8 mi south of Granite Falls, and 243 mi upstream from mouth of Wateree River.
 DRAINAGE AREA.--1,090 mi², approximately.
 PERIOD OF RECORD.--September 1935 to September 1960 (monthend contents only, published in WSP 1723), October 1960 to current year.
 GAGE.--Float gage, indicator, and reference point at dam. Datum of gage is 895.1 ft above sea level (levels by Duke Power Co.).
 REMARKS.--Lake, used for hydroelectric power development, was first put in operation Feb. 18, 1925. Total capacity is 3,188,592,000 ft³. Usable capacity, 1,717,000,000 ft³, is between elevations 85.0 and 100.0 ft gage datum (crest of spillway).
 COOPERATION.--Records furnished by Duke Power Co.

02141961 LAKE HICKORY

LOCATION.--Lat 35°49'20", long 81°11'36", Alexander County, Hydrologic Unit 03050101, at Oxford Dam on Catawba River, 2 mi upstream from Lower Little River, 7 mi south of Taylorsville, and 226 mi upstream from mouth of Wateree River.
 DRAINAGE AREA.--1,310 mi², approximately.
 PERIOD OF RECORD.--September 1935 to September 1960 (monthend contents only, published in WSP 1723), October 1960 to current year.
 GAGE.--Float gage and indicator at dam. Datum of gage is 835.0 ft above sea level (levels by Duke Power Co.).
 REMARKS.--Lake, generally known as Oxford Reservoir, used for hydroelectric power development, was first put in operation Apr. 5, 1928. Total capacity is 5,552,985,000 ft³. The usable capacity from Sept. 1, 1935, to Sept. 30, 1957, was considered to be 2,277,970,200 ft³ between 85.0 and 100.0 ft gage datum (top of flood gates). Usable capacity from Apr. 30, 1928, to Aug. 31, 1935, Oct. 1, 1957, to Sept. 30, 1964, was considered to be 3,378,400,000 ft³ between 75.0 and 100.0 ft gage datum (top of flood gates); and from Oct. 1, 1964, to present, is considered to be 2,277,800,000 ft³ between 85.0 and 100.0 ft gage datum (top of flood gates).
 COOPERATION.--Records furnished by Duke Power Co.

02142441 LOOKOUT SHOALS LAKE

LOCATION.--Lat 35°45'26", long 81°05'26", Catawba County, Hydrologic Unit 03050101, at Lookout Shoals Dam on Catawba River, 4 mi upstream from bridge on U.S. Highways 64 and 70, 4.2 mi north of Catawba, and 216 mi upstream from mouth of Wateree River.
 DRAINAGE AREA.--1,450 mi², approximately.

LAKES AND RESERVOIRS IN SOUTH ATLANTIC SLOPE BASIN--Continued

PERIOD OF RECORD.--December 1915 to September 1960 (monthend contents only, published in WSP 1723), October 1960 to current year.

GAGE.--Float gage, indicator, and staff gage at dam. Datum of gage is 738.1 ft above sea level (levels by Duke Power Co.).

REMARKS.--Lake, used for hydroelectric power development, was first put in operation Dec. 2, 1915. Total capacity was originally 1,355,190,000 ft³. Capacity has been reduced by silting. The usable capacity prior to October 1957 was considered to be 473,980,000 ft³ and from October 1957 to Sept. 30, 1964, was considered to be 388,300,000 ft³ between elevations 90.0 and 100.0 ft gage datum (crest of spillway). Usable capacity from Oct. 1, 1964, to present is considered to be 208,200,000 ft³ between 95.0 and 100.0 ft gage datum (crest of spillway). Flood of July 16, 1916, washed out an earth dike.

COOPERATION.--Records furnished by Duke Power Co.

02142647 LAKE NORMAN

LOCATION.--Lat 35°26'05", long 80°57'30", Mecklenburg County, Hydrologic Unit 03050101, at Cowans Ford Dam on Catawba River, 0.8 mi upstream from Derr Creek, 7.8 mi southwest of Davidson, and 182 mi upstream from mouth of Wateree River.

DRAINAGE AREA.--1,790 mi², approximately.

PERIOD OF RECORD.--March 1962 to current year.

GAGE.--Float gage with transmitter to dial meter in control room. Datum of gage is 660 ft above sea level (levels by Duke Power Co.).

REMARKS.--Lake, used for hydroelectric power development, began filling in March 1962. Total capacity is 47,586,200,000 ft³. Usable capacity, 26,910,400,000 ft³, is between 75.0 and 100.0 ft gage datum (top of flood gates).

COOPERATION.--Records furnished by Duke Power Co.

02142676 MOUNTAIN ISLAND LAKE

LOCATION.--Lat 35°20'03", long 80°59'12", Gaston County, Hydrologic Unit 03050101, at Mountain Island Dam on Catawba River, 1.5 mi downstream from bridge on State Highway 16, 3 mi northeast of Mount Holly, and 167 mi upstream from mouth of Wateree River.

DRAINAGE AREA.--1,860 mi², approximately.

PERIOD OF RECORD.--December 1923 to September 1960 (monthend contents only, published in WSP 1723), October 1960 to current year.

GAGE.--Float gage, indicator, and stage gage at dam. Datum of gage is 547.5 ft above sea level (levels by Duke Power Co.).

REMARKS.--Lake, used for hydroelectric power development, was first put in operation Dec. 16, 1923. Total capacity is 2,495,988,000 ft³. Usable capacity prior to October 1964 was considered to be 1,132,000,000 ft³ between 90.0 and 100.0 ft gage datum (crest of spillway) and from October 1964 to present, 845,000,000 ft³, is considered to be between 93.0 and 100.0 ft gage datum (crest of spillway).

COOPERATION.--Records furnished by Duke Power Co.

OTHER RESERVOIRS

The following smaller reservoirs in the South Atlantic Slope basin are described below. Records of contents are not published herein.

02077229 LAKE ROXBORO

LOCATION.--Lat 36°20'53", long 79°09'00", Caswell County, Hydrologic Unit 03010104, on South Hycro Creek near Roseville.

DRAINAGE AREA.--23.2 mi².

REMARKS.--Lake is part of Roxboro's municipal water supply. Total capacity is 380,991,000 ft³. Dam was completed and filled April 1978. (See station 02077250.)

02077302 ROXBORO STEAM-ELECTRIC GENERATING PLANT AFTERBAY RESERVOIR

LOCATION.--Lat 36°31'51", long 78°59'50", Person County, Hydrologic Unit 03010104, on Hycro River near McGehees Mill.

DRAINAGE AREA.--196 mi².

REMARKS.--Lake is used as a cooling-water reservoir for Carolina Power and Light Co. powerplant. Total capacity is approximately 522,720,000 ft³ with a surface area of about 650 acres at a normal elevation of 385 ft above sea level. Dam completed May 30, 1974, and filling began Apr. 26, 1974. Water in reservoir first reached normal water-level elevation, 385 ft, on Aug. 22, 1974.

02077665 MAYO STEAM-ELECTRIC GENERATING PLANT LAKE

LOCATION.--Lat 36°32'15", long 78°52'30", Person County, Hydrologic Unit 03010104, on Mayo Creek near Bethel Hill.

DRAINAGE AREA.-- 52.2 mi².

REMARKS.--Lake is used as cooling-water reservoir for Carolina Power and Light Co. powerplant. Total capacity is 3,831,000,000 ft³ with a surface area of 2,800 acres at a normal elevation of 434 ft above sea level. Dam was completed and filling began Aug. 1, 1980. Water in reservoir first reached normal water-level elevation of 434 ft on April 16, 1983. (See station 02077660.)

02086490 LAKE MICHIE

LOCATION.--Lat 36°09'02", long 79°49'49", Durham County, Hydrologic Unit 03020201, at Durham municipal dam on Flat River, 3 mi southeast of Bahama, and 5 mi upstream from confluence with Eno River.

DRAINAGE AREA.--167 mi², approximately.

LAKES AND RESERVOIRS IN SOUTH ATLANTIC SLOPE BASIN--Continued

PERIOD OF RECORD.--October 1962 to April 1975.

REMARKS.--Lake, used for municipal water supply, began filling in May 1926 and reached spillway elevation Dec. 26, 1926. Total capacity, 618,000,000 ft³, is between 300.0 and 341.0 ft gage datum (crest of spillway). (See station 02087000.)

02087339 LAKE JOHNSON

LOCATION.--Lat 35°45'44", long 78°42'17", Wake County, Hydrologic Unit 03020201, on Walnut Creek near Raleigh.

DRAINAGE AREA.--7.10 mi².

REMARKS.--Lake is part of Raleigh's municipal water supply. Total capacity is 98,900,000 ft³. Dam was completed in 1923 and spillway raised to its present elevation in 1951. (See station 02087500.)

02087344 LAKE RALEIGH

LOCATION.--Lat 35°45'56", long 78°40'38", Wake County, Hydrologic Unit 03020201, on Walnut Creek near Raleigh.

DRAINAGE AREA.--12.3 mi².

REMARKS.--Lake is part of Raleigh's municipal water supply. Total capacity is 13,400,000 ft³. Dam was completed in 1914 and raised to its present elevation in 1919. (See station 02087500.)

02087588 LAKE WHEELER

LOCATION.--Lat 35°41'39", long 78°41'39", Wake County, Hydrologic Unit 03020201, on Swift Creek near Raleigh.

DRAINAGE AREA.--35.8 mi².

REMARKS.--Lake is part of Raleigh's municipal water supply. Total capacity is 267,400,000 ft³. Dam was completed and filling began in 1956. (See station 02087500.)

02087701 LAKE BENSON

LOCATION.--Lat 35°39'44", long 78°36'42", Wake County, Hydrologic Unit 03020201, on Swift Creek near Garner.

DRAINAGE AREA.--66.3 mi², approximately.

REMARKS.--Lake is part of Raleigh's municipal water supply. Total capacity is 133,700,000 ft³. Lake, formerly known as Rand's Mill, acquired by city of Raleigh in 1927 and spillway raised to its present elevation in 1954. (See station 02087500.)

02090370 BUCKHORN RESERVOIR

LOCATION.--Lat 35°41'22", long 78°07'33", Wilson County, Hydrologic Unit 03020203, on Contentnea Creek near Lucama.

DRAINAGE AREA.--155 mi².

REMARKS.--Lake is part of Wilson's municipal water supply. Total capacity is approximately 909,000,000 ft³. Original dam was completed Nov. 12, 1976, and reservoir initially filled Dec. 1, 1976 (previous capacity 133,680,000 ft³). (See station 02090380.) Construction on new dam downstream of original structure was completed in July 1999, and reservoir was filled by mid-September in response to heavy tropical rains (Hurricane Floyd).

02093981 LAKE HIGGINS

LOCATION.--Lat 36°10'06", long 79°52'48", Guilford County, Hydrologic Unit 03030002, on Brush Creek near Greensboro.

DRAINAGE AREA.--12 mi², approximately.

REMARKS.--Lake is part of Greensboro's municipal water supply. Total capacity is 107,000,000 ft³. Reservoir was first filled Mar. 1, 1957. (See station 02094500.)

02094117 LAKE BRANDT

LOCATION.--Lat 36°10'21", long 79°50'20", Guilford County, Hydrologic Unit 03030002, on Reedy Fork and Horsepen Creek near Greensboro.

DRAINAGE AREA.--68.4 mi².

REMARKS.--Total capacity is 294,000,000 ft³. Dam was completed February 1923 and raised to present level 1959-60.

Reservoir first filled to present level on Oct. 8, 1960. Lake is part of Greensboro's municipal water supply. (See station 02094500.)

02094305 LAKE TOWNSEND

LOCATION.--Lat 36°11'20", long 79°43'55", Guilford County, Hydrologic Unit 03030002, on Reedy Fork near Greensboro.

DRAINAGE AREA.--105 mi².

REMARKS.--Lake is part of Greensboro's municipal water supply. Total capacity is 869,000,000 ft³. Dam was completed Oct. 18, 1968, and reservoir was first filled on Aug. 17, 1969. (See station 02094500.)

02096003 LAKE BURLINGTON

LOCATION.--Lat 36°10'38", long 79°24'43", Alamance County, Hydrologic Unit 03030002, on Stony Creek near Burlington.

DRAINAGE AREA.--46.6 mi², approximately.

REMARKS.--Lake is part of Burlington's municipal water supply. Prior to October 1971 published as "Stony Creek Reservoir." Total capacity is 427,800,000 ft³. Dam completed August 1960 and reservoir first filled Jan. 28, 1961. (See station 02096500.)

02096432 STONY CREEK RESERVOIR

LOCATION.--Lat 36°07'40", long 79°24'23", Alamance County, Hydrologic Unit 03030002, on Stony Creek near Burlington.

LAKES AND RESERVOIRS IN SOUTH ATLANTIC SLOPE BASIN--Continued

DRAINAGE AREA.--104mi².

REMARKS.--Lake is part of Burlington's water supply. Prior to October 1971 published as "Lake Burlington." Total capacity is 64,900,000 ft³. Dam completed and reservoir filled in 1928. (See station 02096500.)

02098495 OAK HOLLOW RESERVOIR

LOCATION.--Lat 36°00'42", long 79°59'11", Guilford County, Hydrologic Unit 03030003, on West Fork Deep River and 1.8 mi southwest of Deep River.

DRAINAGE AREA.--32 mi², approximately.

REMARKS.--Lake is part of High Point's municipal water supply. Total capacity is 468,000,000 ft³. Dead storage (nonwithdrawal) is minor. Total surface area, about 725 acres. Dam completed and filling began in May 1970. Reservoir first filled Dec. 24, 1970. (See station 02099500.)

02099096 HIGH POINT MUNICIPAL LAKE

LOCATION.--Lat 35°59'43", long 79°56'42", Guilford County, Hydrologic Unit 03030003, on Deep River near High Point, High Point's municipal water supply.

DRAINAGE AREA.--61.4 mi².

REMARKS.--Total capacity is 220,588,000 ft³. Dam completed in 1926 and reservoir first filled in 1927. (See station 02099500)

02102178 BUCKHORN RESERVOIR

LOCATION.--Lat 35°32'22", long 78°59'27", Chatham County, Hydrologic Unit 03030004, on Cape Fear River near Corinth.

DRAINAGE AREA.--3,230 mi², approximately.

REMARKS.-- Usable capacity is 69,700,000 ft³. Completed and filled in 1908. Hydroelectric power operation stopped Dec. 31, 1962.

02102190 SHEARON HARRIS MAIN RESERVOIR

LOCATION.--Lat 35°34'00", long 78°57'55", Chatham County, Hydrologic Unit 03030004, on Buckhorn Creek near Corinth.

DRAINAGE AREA.--71 mi².

REMARKS.--Lake is a cooling-water reservoir for Carolina Power and Light Co. powerplant. Total capacity is 3,136,320,000 ft³ with a surface area of 4,150 acres at a normal elevation of 220 ft above sea level. Dam was completed Dec. 23, 1981, and filling began Dec. 1, 1980. (See station 02102192.)

02121461 LEXINGTON-THOMASVILLE RESERVOIR

LOCATION.--Lat 35°52'15", long 80°11'33", Davidson County, Hydrologic Unit 03050103, on Abbotts Creek near Lexington.

DRAINAGE AREA.--70.3 mi².

REMARKS.--Total capacity is 284,100,000 ft³ of which 281,400,000 ft³ is usable. Dam completed Aug. 8, 1957, and reservoir first filled Nov. 23, 1957. Lexington and Thomasville's municipal water supply.

02184122 LAKE TOXAWAY

LOCATION.--Lat 35°07'27", long 82°55'56", Transylvania County, Hydrologic Unit 03060101, on Toxaway River at town of Lake Toxaway.

DRAINAGE AREA.--7.79 mi².

REMARKS.--A recreation lake. Total surface area is about 640 acres. Lake reached spillway elevation September 1961.

SOUTH ATLANTIC SLOPE BASIN

LAKE AND RESERVOIRS IN SOUTH ATLANTIC SLOPE BASIN--Continued

MONTHEND ELEVATION AND CONTENTS AT 2400 HOURS, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Elevation (feet)	Contents (million cubic feet)	Change in contents (million cubic feet)	Gage Height (feet)	Contents (million cubic feet)	Change in contents (million cubic feet)
		02067800 & 02067820 Talbot & Townes Reservoir				
				02077280 Hyco Lake		
Sept. 30	--	389.00	--	10.52	3,373	--
Oct. 31	--	370.20	-19	10.47	3,366	-7
Nov. 30	--	342.60	-28	10.76	3,411	45
Dec. 31	--	342.90	0	10.53	3,378	-33
CAL YR 2004		--	15		--	2
Jan. 31	--	385.10	42	10.60	3,386	8
Feb. 28	--	384.30	-1	10.69	3,400	14
Mar. 31	--	386.30	2	10.87	3,428	28
Apr. 30	--	370.00	-16	10.52	3,373	-55
May 31	--	370.80	1	10.34	3,346	-27
June 30	--	357.00	-14	10.11	3,310	-36
July 31	--	338.10	-19	10.19	3,322	12
Aug. 31	--	330.40	-8	9.72	3,247	-75
Sept 30	--	278.50	-52	8.81	3,099	-148
WTR YR 2005		--	-111		--	-274
				02079964 Lake Gaston		
				02080100 Roanoke Rapids Lake		
Sept. 30	199.91	19,523	--	131.80	3,317	--
Oct. 31	199.77	19,402	-121	131.80	3,317	0
Nov. 30	199.73	19,367	-35	130.80	3,122	-195
Dec. 31	200.74	20,247	880	131.00	3,162	40
CAL YR 2004		--	1,028		--	0
Jan. 31	199.49	19,157	-1,090	130.20	3,008	-154
Feb. 28	199.63	19,280	123	131.70	3,295	287
Mar. 31	199.50	19,166	-114	131.50	3,252	-43
Apr. 30	199.41	19,088	-78	130.50	3,062	-190
May 31	199.58	19,236	148	130.40	3,044	-18
June 30	199.85	19,471	235	129.50	2,879	-165
July 31	199.58	19,236	-235	129.50	2,879	0
Aug. 31	199.65	19,298	62	131.40	3,234	355
Sept 30	199.26	18,957	-341	131.20	3,198	-36
WTR YR 2005		--	-566		--	-119

LAKE AND RESERVOIRS IN SOUTH ATLANTIC SLOPE BASIN--Continued

MONTHEND ELEVATION AND CONTENTS AT 2400 HOURS, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Elevation (feet)	Contents (million cubic feet)	Change in contents (million cubic feet)	Gage Height (feet)	Contents (million cubic feet)	Change in contents (million cubic feet)
02087182 Falls Lake						
Sept. 30.....	251.62	5,605	--			
Oct. 31.....	251.56	5,551	-32			
Nov. 30.....	252.43	5,518	484			
Dec. 31.....	251.83	6,002	-338			
CAL YR 2004		--	59			
Jan. 31.....	251.89	0	32			
Feb. 28.....	252.25	5,697	203			
Mar. 31.....	252.55	5,899	172			
Apr. 30.....	251.38	6,071	-650			
May 31.....	251.07	5,421	-168			
June 30.....	250.63	5,254	-225			
July 31.....	249.55	5,029	-531			
Aug. 31.....	248.20	4,498	-592			
Sept 30.....	245.86	3,906	-860			
WTR YR 2005		--	-2,505			
02098197 B. Everett Jordan Lake						
02111391 W. Kerr Scott Reservoir						
Sept. 30.....	218.01	10,649	--	1,030.83	1,857	--
Oct. 31.....	216.25	9,528	-1,121	1,030.24	1,807	-50
Nov. 30.....	218.37	10,893	1,365	1,030.16	1,800	-7
Dec. 31.....	216.34	9,584	-1,308	1,030.12	1,796	-3
CAL YR 2004		--	25		--	-16
Jan. 31.....	216.72	9,823	239	1,030.36	1,817	21
Feb. 28.....	217.49	10,314	491	1,030.44	1,824	7
Mar. 31.....	218.70	11,116	802	1,030.56	1,834	10
Apr. 30.....	216.12	9,446	-1,670	1,030.25	1,807	-27
May 31.....	216.10	9,434	-13	1,030.03	1,789	-19
June 30.....	215.46	9,052	-381	1,030.27	1,809	21
July 31.....	216.31	9,566	513	1,030.12	1,796	-13
Aug. 31.....	215.45	9,046	-519	1,030.04	1,789	-7
Sept 30.....	212.97	7,655	-1,391	1,028.20	1,698	-92
WTR YR 2005		--	-2,993		--	-159

LAKES AND RESERVOIRS IN SOUTH ATLANTIC SLOPE BASIN--Continued

MONTHEND ELEVATION AND CONTENTS AT 2400 HOURS, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Elevation (feet)	Contents (million cubic feet)	Change in contents (million cubic feet)	Elevation (feet)	Contents (million cubic feet)	Change in contents (million cubic feet)
		02122400 High Rock Lake		02122699 Tuckertown Reservoir		
Sept. 30	654.69	10,872	--	595.50	1,801	--
Oct. 31	651.72	9,050	-1,822	595.51	1,802	1
Nov. 30	653.16	9,916	866	595.00	1,749	-53
Dec. 31	651.04	8,666	-1,250	595.00	1,749	0
CAL YR 2004		--	1,515		--	-2
Jan. 31	646.40	6,296	-2,370	595.04	1,753	4
Feb. 28	650.15	8,175	1,879	595.70	1,821	68
Mar. 31	654.22	10,567	2,392	594.47	1,696	-125
Apr. 30	653.48	10,110	-457	594.58	1,707	11
May 31	653.72	10,255	145	594.90	1,738	31
June 30	653.07	9,862	-393	595.15	1,764	26
July 31	654.42	10,696	834	594.95	1,744	-20
Aug. 31	650.70	8,476	-2,220	594.62	1,711	-33
Sept 30	649.77	7,971	-505	595.03	1,752	41
WTR YR 2005		--	-2,901		--	-49
		02122844 Badin Lake		02123736 Lake Tillery		
Sept. 30	540.55	10,369	--	277.10	5,693	--
Oct. 31	539.62	10,152	-217	277.70	5,822	129
Nov. 30	540.10	10,264	112	274.50	5,140	-682
Dec. 31	539.96	10,231	-33	276.80	5,628	488
CAL YR 2004		--	-49		--	-151
Jan. 31	540.66	10,395	164	277.70	5,822	194
Feb. 28	540.90	10,451	56	277.60	5,801	-21
Mar. 31	540.01	10,243	-208	276.80	5,628	-173
Apr. 30	539.70	10,171	-72	277.90	5,866	238
May 31	540.40	10,334	163	277.80	5,844	-22
June 30	540.38	10,329	-5	277.40	5,757	-87
July 31	539.78	10,189	-140	277.40	5,757	0
Aug. 31	539.92	10,222	33	277.70	5,822	65
Sept 30	539.75	10,183	-39	277.80	5,844	22
WTR YR 2005		--	-186		--	151

LAKES AND RESERVOIRS IN SOUTH ATLANTIC SLOPE BASIN--Continued

MONTHEND ELEVATION AND CONTENTS AT 2400 HOURS, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Elevation (feet)	Contents (million cubic feet)	Change in contents (million cubic feet)	Gage Height (feet)	Contents (million cubic feet)	Change in contents (million cubic feet)
		02128800 Blewett Falls Lake		02138519 Lake James		
Sept. 30.....	180.80	2,112	--	99.7	12,121	--
Oct. 31.....	177.10	1,742	-370	95.9	11,141	-981
Nov. 30.....	177.30	1,762	20	95.0	10,914	-227
Dec. 31.....	173.00	1,332	-430	94.2	10,715	-199
CAL YR 2004		--	-370		--	-124
Jan. 31.....	177.10	1,742	410	94.3	10,740	25
Feb. 28.....	179.40	1,972	230	92.2	10,225	-514
Mar. 31.....	178.60	1,892	-80	96.7	11,344	1,118
Apr. 30.....	174.30	1,462	-430	97.2	11,472	128
May 31.....	176.70	1,702	240	98.5	11,808	336
June 30.....	176.30	1,662	-40	98.2	11,730	-78
July 31.....	177.60	1,792	130	97.4	11,268	-462
Aug. 31.....	175.90	1,622	-170	97.1	11,446	178
Sept 30.....	177.20	1,752	130	96.0	11,166	-280
WTR YR 2005		--	-360		--	-956
		02141490 Rhodhiss Lake		02141961 Lake Hickory		
Sept. 30.....	96.9	1,771	--	97.9	5,161	--
Oct. 31.....	96.9	1,771	0	97.0	5,008	-153
Nov. 30.....	97.1	1,786	16	97.6	5,110	102
Dec. 31.....	96.4	1,732	-54	97.2	5,042	-68
CAL YR 2004		--	46		--	0
Jan. 31.....	97.1	1,786	54	97.8	5,144	102
Feb. 28.....	97.7	1,833	47	96.9	4,991	-153
Mar. 31.....	97.2	1,794	-39	99.2	5,389	398
Apr. 30.....	97.0	1,778	-16	97.1	5,025	-364
May 31.....	96.7	1,755	-23	97.6	5,110	85
June 30.....	97.7	1,833	78	97.1	5,025	-85
July 31.....	97.3	1,802	-31	97.2	5,042	17
Aug. 31.....	97.3	1,802	0	96.9	4,991	-51
Sept 30.....	96.5	1,740	-62	97.7	5,127	136
WTR YR 2005		--	-31		--	-34

LAKES AND RESERVOIRS IN SOUTH ATLANTIC SLOPE BASIN--Continued

MONTHEND ELEVATION AND CONTENTS AT 2400 HOURS, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Gage Height (feet)	Contents (million cubic feet)	Change in contents (million cubic feet)	Gage Height (feet)	Contents (million cubic feet)	Change in contents (million cubic feet)
		02142441 Lookout Shoals Lake				
Sept. 30	99.0	1,052	--	99.0	45,084	--
Oct. 31	98.0	1,014	-38	96.9	42,180	-2,904
Nov. 30	97.1	981	-33	98.4	44,250	2,070
Dec. 31	90.0 ^a	741	-240	95.8	40,686	-3,564
CAL YR 2004		--	-269		--	-677
				02142647 Lake Norman		
Jan. 31	97.5	996	255	93.4	37,566	-3,119
Feb. 28	97.7	1,003	7	95.7	40,552	2,985
Mar. 31	99.7	1,079	76	98.1	43,832	3,280
Apr. 30	97.2	984	-95	97.4	42,867	-965
May 31	97.6	999	15	98.0	43,693	826
June 30	97.5	996	-4	98.2	43,971	278
July 31	98.6	1,037	41	97.7	43,280	-691
Aug. 31	96.9	973	-63	96.9	42,180	-1,100
Sept 30	97.2	984	11	96.2	41,226	-954
WTR YR 2005		--	-68		--	-3,858
				02142676 Mountain Island Lake		
Sept. 30	98.9	2,465	--			
Oct. 31	97.4	2,289	-176			
Nov. 30	97.1	2,254	-35			
Dec. 31	97.4	2,289	35			
CAL YR 2004		--	-12			
Jan. 31	96.4	2,175	-114			
Feb. 28	97.8	2,335	160			
Mar. 31	97.9	2,347	12			
Apr. 30	97.2	2,266	-81			
May 31	96.9	2,231	-34			
June 30	97.6	2,312	81			
July 31	97.8	2,335	23			
Aug. 31	99.0	2,477	141			
Sept 30	97.1	2,254	-222			
WTR YR 2005		--	-211			

^a Lake levels were lowered during December 2004 and January 2005 for maintenance purposes (Mr. Thomas Pruitt, Duke Energy Co., oral commun., Dec. 6, 2005).