

## SANTEE RIVER BASIN

0214266000 MCDOWELL CREEK NEAR CHARLOTTE, NC--Continued

## WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1997, May 2000 to September 2001.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: November 1996 to September 1997.

WATER TEMPERATURE: November 1996 to September 1997.

INSTRUMENTATION.--Water-quality monitor from November 1996 to September 1997, optical backscatterance sensor from April 2000 to current year.

REMARKS.--Station operated in cooperation with Mecklenburg County to characterize water quality and suspended sediment concentrations in McDowell Creek basin. Miscellaneous water-quality data collected from November 1996 to September 1997 published in U.S. Geological Survey Open File Report 98-67.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum recorded, 602 microsiemens, June 19, 1997; minimum recorded, 39 microsiemens, July 23, 1997.

WATER TEMPERATURE: Maximum recorded 33.2°C, July 21, 1997; minimum recorded, 0.1°C, Dec. 21, 1996.

## WATER-QUALITY DATA, FOR PERIOD MAY 2000 TO SEPTEMBER 2001

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)
MAY				
03...	1315	30	172	14
03...	1345	29	140	11
18...	1300	5.4	52	.75
JUN				
06...	1115	6.4	16	.28
06...	1145	6.0	12	.19
JUL				
26...	0830	11	81	2.4
AUG				
03...	0930	9.8	23	.62
04...	1000	129	434	151
24...	1245	5.4	4	.07
SEP				
21...	1445	4.8	39	.51
OCT				
19...	1345	3.5	4	.04
NOV				
30...	1445	5.0	8	.11
JAN				
08...	1620	27	216	16
11...	1445	7.2	8	.15
11...	1500	7.8	8	.16
MAR				
09...	1215	8.5	11	.26
09...	1230	8.9	8	.19
21...	1430	202	306	167
JUN				
18...	0945	3.1	30	.25
27...	1115	12	177	5.7
JUL				
05...	1000	13	198	6.9
10...	1300	4.5	39	.48
13...	1230	27	399	29
25...	1205	5.1	58	.79
26...	1245	16	267	12
26...	1605	11	164	4.9
AUG				
17...	1510	2.5	20	.14
31...	1145	2.4	4	.03
SEP				
21...	1145	8.5	114	2.6
24...	1452	414	1150	1280