



Water-Data Report 2011

**0214295600 PAW CREEK AT WILKINSON BOULEVARD NEAR CHARLOTTE, NC**

Santee Basin  
Upper Catawba Subbasin

LOCATION.--Lat 35°14'25", long 80°58'28" referenced to North American Datum of 1983, Mecklenburg County, NC, 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 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

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

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 567.97 ft above North American Vertical Datum of 1988, from U.S. Geological Survey benchmark. Prior to October 1, 1999 at same site at datum 569.97 ft. Radio telemetry at streamgage.

REMARKS.--Records poor. Minimum discharge for period of record also occurred September 24, 2002. Discharge for the period October to December affected by beavers.



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

|                                 | <b>Calendar Year 2010</b> | <b>Water Year 2011</b> | <b>Water Years 1995 - 2011</b> |              |
|---------------------------------|---------------------------|------------------------|--------------------------------|--------------|
| <b>Annual total</b>             | 3,495.97                  | 2,530.94               |                                |              |
| <b>Annual mean</b>              | 9.58                      | 6.93                   | 10.1                           |              |
| <b>Highest annual mean</b>      |                           |                        | 25.1                           | 2003         |
| <b>Lowest annual mean</b>       |                           |                        | 3.93                           | 2001         |
| <b>Highest daily mean</b>       | 295                       | Jan 25                 | 835                            | Jul 23, 1997 |
| <b>Lowest daily mean</b>        | 0.12                      | Sep 22                 | 0.06                           | Oct 30, 2001 |
| <b>Annual seven-day minimum</b> | 0.13                      | Sep 18                 | 0.11                           | Oct 29, 2001 |
| <b>Maximum peak flow</b>        |                           |                        | 2,740                          | Jul 23, 1997 |
| <b>Maximum peak stage</b>       |                           |                        | 11.71                          | Aug 27, 2008 |
| <b>Instantaneous low flow</b>   |                           |                        | <sup>a</sup> 0.03              | Sep 12, 2002 |
| <b>Annual runoff (cfsm)</b>     | 0.887                     | 0.642                  | 0.935                          |              |
| <b>Annual runoff (inches)</b>   | 12.04                     | 8.72                   | 12.70                          |              |
| <b>10 percent exceeds</b>       | 14                        | 12                     | 18                             |              |
| <b>50 percent exceeds</b>       | 3.2                       | 2.2                    | 3.3                            |              |
| <b>90 percent exceeds</b>       | 0.64                      | 0.83                   | 0.85                           |              |

<sup>a</sup> See Remarks.

