



Water-Data Report 2011

**02160325 BRUSHY CREEK NEAR GREENVILLE, SC**

Santee Basin  
Enoree Subbasin

LOCATION.--Lat 34°53'00", long 82°18'05" referenced to North American Datum of 1927, Greenville County, SC, Hydrologic Unit 03050108, 0.5 mi southeast of St. Luke Church, 0.7 mi south of Eastside High School, 5.0 mi upstream from the mouth at Enoree River, at the Scottswood Road (J-180) crossing of Brushy Creek.

DRAINAGE AREA.--9.05 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--August 2004 to current year. Records for August 1985 to September 1990 are in the backfiles of the US Geological Survey. October 1990 to July 2004 operated as partial records station.

GAGE.--Data collection platform. Elevation of gage is 245 ft above NGVD of 1929 (from topographic map).

REMARKS.--No estimated daily discharges. Records good.

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**02160325 BRUSHY CREEK NEAR GREENVILLE, SC—Continued**

**DISCHARGE, CUBIC FEET PER SECOND**  
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**  
**DAILY MEAN VALUES**

<b>Day</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>
<b>1</b>	6.2	4.3	58	21	15	20	13	6.3	4.7	2.9	2.7	1.8
<b>2</b>	4.1	4.5	8.3	13	59	7.8	12	6.3	4.8	2.6	2.3	1.8
<b>3</b>	4.1	4.7	6.4	7.5	11	6.9	10	7.2	4.5	2.7	2.1	1.7
<b>4</b>	3.9	10	5.9	6.7	62	6.6	10	37	4.1	2.7	8.8	1.7
<b>5</b>	3.8	4.8	5.4	6.2	91	10	54	6.6	13	26	3.3	15
<b>6</b>	3.9	4.5	5.1	8.6	20	123	12	6.5	5.1	8.2	9.1	9.2
<b>7</b>	3.9	4.4	5.1	6.4	13	26	11	6.3	4.1	6.5	4.4	3.2
<b>8</b>	3.8	4.6	4.8	6.7	11	16	10	18	3.9	3.9	2.8	3.1
<b>9</b>	3.8	4.4	4.7	5.8	9.1	71	9.4	10	12	3.9	3.1	3.1
<b>10</b>	3.6	4.4	4.6	7.0	8.7	32	9.2	9.7	6.1	4.4	2.3	2.6
<b>11</b>	3.5	4.4	4.6	9.6	7.7	16	8.7	6.4	5.1	3.9	2.1	2.1
<b>12</b>	3.4	4.5	28	10	7.3	13	11	6.1	4.2	3.1	2.3	3.5
<b>13</b>	4.4	4.6	6.2	7.7	6.8	11	8.9	5.7	4.3	2.7	2.3	1.9
<b>14</b>	5.2	4.5	5.2	6.4	6.3	9.6	8.5	5.9	4.2	16	2.4	1.8
<b>15</b>	3.5	5.1	6.0	7.1	6.0	15	8.6	5.5	22	30	3.0	1.7
<b>16</b>	3.6	12	7.0	7.3	5.9	9.7	74	5.4	11	6.1	1.9	1.7
<b>17</b>	3.3	5.2	5.6	7.5	5.9	8.4	12	16	4.9	4.6	2.6	2.0
<b>18</b>	3.6	4.5	5.2	12	5.8	7.9	9.4	6.8	4.6	9.1	2.4	2.1
<b>19</b>	3.6	4.5	4.8	7.3	5.6	7.4	8.6	5.9	18	18	3.2	2.2
<b>20</b>	4.3	4.9	4.8	6.5	5.5	5.1	7.9	5.5	7.6	4.6	40	2.6
<b>21</b>	3.5	4.7	5.1	6.4	5.5	5.0	8.7	5.4	4.5	5.8	17	89
<b>22</b>	3.5	4.6	4.8	6.5	5.4	4.9	15	5.0	12	5.9	3.8	19
<b>23</b>	3.7	9.2	4.7	6.1	5.3	5.3	8.5	4.7	11	3.5	2.9	64
<b>24</b>	3.7	6.5	5.3	5.5	5.4	6.0	7.8	4.4	5.1	2.9	2.7	6.3
<b>25</b>	21	4.9	6.3	6.6	7.2	6.2	7.5	4.3	4.6	34	2.9	3.8
<b>26</b>	20	7.5	8.3	18	6.1	74	7.5	15	4.0	13	2.5	3.4
<b>27</b>	21	4.8	4.9	6.7	5.5	63	7.4	31	3.8	4.3	2.4	3.1
<b>28</b>	7.7	4.5	4.8	6.0	35	28	7.5	6.9	3.6	3.6	1.9	2.8
<b>29</b>	4.8	4.7	4.8	5.7	---	14	6.7	5.6	3.3	3.4	1.8	2.6
<b>30</b>	4.7	90	5.3	5.5	---	62	6.6	5.2	3.1	3.0	1.8	2.6
<b>31</b>	4.5	---	6.6	5.3	---	18	---	4.9	---	2.7	1.9	---
<b>Total</b>	177.6	246.2	246.6	248.6	438.0	708.8	391.4	275.5	203.2	244.0	144.7	261.4
<b>Mean</b>	5.73	8.21	7.95	8.02	15.6	22.9	13.0	8.89	6.77	7.87	4.67	8.71
<b>Max</b>	21	90	58	21	91	123	74	37	22	34	40	89
<b>Min</b>	3.3	4.3	4.6	5.3	5.3	4.9	6.6	4.3	3.1	2.6	1.8	1.7
<b>Cfsm</b>	0.63	0.91	0.88	0.89	1.73	2.53	1.44	0.98	0.75	0.87	0.52	0.96
<b>In.</b>	0.73	1.01	1.01	1.02	1.80	2.91	1.61	1.13	0.84	1.00	0.59	1.07

**STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1994 - 2011, BY WATER YEAR (WY)**

	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>
<b>Mean</b>	9.04	12.0	21.0	18.1	16.3	20.9	14.4	12.3	17.0	13.5	12.0	13.5
<b>Max</b>	12.5	24.1	41.9	32.3	31.5	29.3	17.8	17.8	44.4	36.1	21.4	48.4
(WY)	(2010)	(2010)	(2010)	(2010)	(2010)	(2007)	(2009)	(2005)	(2005)	(2005)	(2010)	(2004)
<b>Min</b>	5.50	5.49	7.95	8.02	9.70	9.36	12.2	7.74	2.86	6.87	4.67	5.19
(WY)	(2008)	(2008)	(2011)	(2011)	(2009)	(2006)	(2007)	(2008)	(2008)	(2008)	(2011)	(2007)

**02160325 BRUSHY CREEK NEAR GREENVILLE, SC—Continued****SUMMARY STATISTICS**

	<b>Calendar Year 2010</b>		<b>Water Year 2011</b>		<b>Water Years 1994 - 2011</b>	
<b>Annual total</b>	5,779.7		3,586.0			
<b>Annual mean</b>	15.8		9.82		14.6	
<b>Highest annual mean</b>					20.6	2010
<b>Lowest annual mean</b>					9.82	2011
<b>Highest daily mean</b>	283	Feb 5	123	Mar 6	480	Jul 7, 2005
<b>Lowest daily mean</b>	3.3	Oct 17	1.7	Sep 3 <sup>a</sup>	1.3	Aug 12, 2008
<b>Annual seven-day minimum</b>	3.6	Oct 15	1.8	Aug 29	1.8	Aug 7, 2008
<b>Maximum peak flow</b>			559	Nov 30	Unknown	Aug 27, 1995
<b>Maximum peak stage</b>			6.35	Nov 30	14.10	Aug 27, 1995
<b>Annual runoff (cfsm)</b>	1.75		1.09		1.61	
<b>Annual runoff (inches)</b>	23.76		14.74		21.90	
<b>10 percent exceeds</b>	27		18		26	
<b>50 percent exceeds</b>	8.7		5.5		7.9	
<b>90 percent exceeds</b>	4.4		2.7		3.5	

<sup>a</sup> Also occurred Sep. 4, 15, 16.

