

SANTEE RIVER BASIN

02160390 ENOREE RIVER NEAR WOODRUFF, SC

LOCATION.--Lat 34°41'00'', long 82°02'24'', Spartanburg County-Laurens County Line, Hydrologic Unit 03050108, on downstream side of bridge on S.C. Highway 202, 0.7 mi downstream from Durbin Creek, and 4.0 mi south of Woodruff, and at mi 58.7.

DRAINAGE AREA.--249 mi<sup>2</sup>.

PERIOD OF RECORD.--March 1993 to current year.

GAGE.--Data collection platform. Elevation of gage is 542 ft above NGVD of 1929 (from topographic map).

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

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     | 580  | 221  | 250   | 297  | 306   | 669   | 1120  | 443   | 406   | 1110  | 500  | 188  |
| 2     | 478  | 218  | 291   | 287  | 276   | 460   | 742   | 340   | 1590  | 760   | 340  | 176  |
| 3     | 424  | 270  | 246   | 280  | 513   | 402   | 589   | 303   | 723   | 517   | 305  | 168  |
| 4     | 428  | 445  | 222   | 281  | 551   | 369   | 519   | 286   | 481   | 478   | 286  | 166  |
| 5     | 359  | 943  | 214   | 273  | 372   | 350   | 478   | 278   | 391   | 457   | 272  | 162  |
| 6     | 331  | 407  | 239   | 272  | 326   | 332   | 448   | 293   | 338   | 411   | 271  | 156  |
| 7     | 317  | 306  | 535   | 279  | 303   | 320   | 446   | 273   | 488   | 1170  | 287  | 154  |
| 8     | 303  | 272  | 346   | 268  | 293   | 483   | 990   | 261   | 366   | 6100  | 388  | 152  |
| 9     | 290  | 252  | 349   | 274  | 291   | 451   | 1130  | 255   | 593   | 1840  | 334  | 150  |
| 10    | 283  | 238  | 3890  | 255  | 285   | 356   | 648   | 256   | 544   | 732   | 805  | 146  |
| 11    | 275  | 229  | 3600  | 253  | 272   | 332   | 521   | 315   | 573   | 609   | 388  | 142  |
| 12    | 268  | 266  | 873   | 248  | 262   | 318   | 475   | 269   | 417   | 579   | 306  | 138  |
| 13    | 271  | 439  | 597   | 255  | 258   | 310   | 692   | 244   | 399   | 653   | 283  | 138  |
| 14    | 276  | 279  | 490   | 733  | 262   | 326   | 794   | 355   | 366   | 647   | 312  | 134  |
| 15    | 257  | 243  | 429   | 502  | 299   | 326   | 515   | 403   | 311   | 566   | 287  | 131  |
| 16    | 248  | 232  | 396   | 360  | 272   | 423   | 443   | 405   | 281   | 484   | 257  | 137  |
| 17    | 240  | 228  | 371   | 325  | 264   | 593   | 409   | 301   | 261   | 434   | 289  | 130  |
| 18    | 236  | 222  | 357   | 296  | 252   | 437   | 392   | 259   | 247   | 401   | 309  | 123  |
| 19    | 240  | 219  | 339   | 283  | 245   | 378   | 375   | 241   | 293   | 379   | 292  | 118  |
| 20    | 274  | 216  | 320   | 278  | 248   | 355   | 357   | 1100  | 324   | 365   | 276  | 121  |
| 21    | 252  | 223  | 306   | 276  | 413   | 337   | 344   | 873   | 305   | 488   | 252  | 121  |
| 22    | 244  | 221  | 300   | 270  | 711   | 332   | 340   | 443   | 391   | 381   | 242  | 121  |
| 23    | 238  | 236  | 866   | 264  | 410   | 770   | 490   | 359   | 280   | 344   | 258  | 119  |
| 24    | 247  | 255  | 958   | 252  | 510   | 601   | 385   | 315   | 245   | 326   | 244  | 118  |
| 25    | 277  | 472  | 524   | 252  | 490   | 436   | 336   | 282   | 231   | 315   | 236  | 116  |
| 26    | 239  | 316  | 420   | 254  | 386   | 392   | 327   | 264   | 264   | 303   | 218  | 114  |
| 27    | 232  | 258  | 375   | 250  | 357   | 467   | 384   | 253   | 1410  | 290   | 209  | 121  |
| 28    | 229  | 258  | 344   | 241  | 797   | 4450  | 335   | 242   | 2580  | 281   | 204  | 120  |
| 29    | 228  | 245  | 330   | 242  | ---   | 3000  | 312   | 238   | 1970  | 505   | 200  | 119  |
| 30    | 229  | 228  | 314   | 321  | ---   | 917   | 313   | 254   | 1460  | 596   | 202  | 146  |
| 31    | 223  | ---  | 304   | 411  | ---   | 888   | ---   | 266   | ---   | 395   | 214  | ---  |
| TOTAL | 9016 | 8857 | 19395 | 9332 | 10224 | 20580 | 15649 | 10669 | 18528 | 22916 | 9266 | 4145 |
| MEAN  | 291  | 295  | 626   | 301  | 365   | 664   | 522   | 344   | 618   | 739   | 299  | 138  |
| MAX   | 580  | 943  | 3890  | 733  | 797   | 4450  | 1130  | 1100  | 2580  | 6100  | 805  | 188  |
| MIN   | 223  | 216  | 214   | 241  | 245   | 310   | 312   | 238   | 231   | 281   | 200  | 114  |
| CFSM  | 1.17 | 1.19 | 2.51  | 1.21 | 1.47  | 2.67  | 2.09  | 1.38  | 2.48  | 2.97  | 1.20 | 0.55 |
| IN.   | 1.35 | 1.32 | 2.90  | 1.39 | 1.53  | 3.07  | 2.34  | 1.59  | 2.77  | 3.42  | 1.38 | 0.62 |

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 2005, BY WATER YEAR (WY)

|      | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| MEAN | 265  | 297  | 394  | 441  | 510  | 630  | 473  | 362  | 304  | 287  | 314  | 291  |      |
| MAX  | 494  | 728  | 675  | 862  | 1041 | 1228 | 1040 | 971  | 618  | 739  | 1161 | 982  |      |
| (WY) | 1996 | 1996 | 2003 | 1998 | 1998 | 1993 | 1998 | 2003 | 2005 | 2005 | 1995 | 2004 |      |
| MIN  | 78.9 | 153  | 181  | 236  | 210  | 265  | 219  | 151  | 104  | 119  | 81.8 | 98.2 |      |
| (WY) | 2001 | 2002 | 2002 | 2001 | 2001 | 2004 | 2002 | 2001 | 2002 | 2002 | 1999 | 1999 |      |

SANTEE RIVER BASIN

02160390 ENOREE RIVER NEAR WOODRUFF, SC--Continued

| SUMMARY STATISTICS       | FOR 2004 CALENDAR YEAR |        | FOR 2005 WATER YEAR |        | WATER YEARS 1993 - 2005 |             |
|--------------------------|------------------------|--------|---------------------|--------|-------------------------|-------------|
| ANNUAL TOTAL             | 134476                 |        | 158577              |        |                         |             |
| ANNUAL MEAN              | 367                    |        | 434                 |        | 377                     |             |
| HIGHEST ANNUAL MEAN      |                        |        |                     |        | 603                     | 2003        |
| LOWEST ANNUAL MEAN       |                        |        |                     |        | 213                     | 2002        |
| HIGHEST DAILY MEAN       | 6420                   | Sep 28 | 6100                | Jul 8  | 20000                   | Aug 27 1995 |
| LOWEST DAILY MEAN        | 123                    | Sep 1  | 114                 | Sep 26 | 34                      | Aug 13 2002 |
| ANNUAL SEVEN-DAY MINIMUM | 138                    | Aug 26 | 118                 | Sep 23 | 36                      | Aug 9 2002  |
| MAXIMUM PEAK FLOW        |                        |        | 7510                | Jul 8  | a 52200                 | Aug 27 1995 |
| MAXIMUM PEAK STAGE       |                        |        | 16.16               | Jul 8  | b 29.90                 | Aug 27 1995 |
| ANNUAL RUNOFF (CFSM)     | 1.48                   |        | 1.74                |        | 1.52                    |             |
| ANNUAL RUNOFF (INCHES)   | 20.09                  |        | 23.69               |        | 20.59                   |             |
| 10 PERCENT EXCEEDS       | 521                    |        | 659                 |        | 614                     |             |
| 50 PERCENT EXCEEDS       | 249                    |        | 306                 |        | 264                     |             |
| 90 PERCENT EXCEEDS       | 164                    |        | 215                 |        | 121                     |             |

a From rating curve extended above 5,690 ft<sup>3</sup>/s and on basis of contracted-opening of peak flow.  
 b From floodmarks.

