

PEE DEE RIVER BASIN

02135000 LITTLE PEE DEE RIVER AT GALIVANTS FERRY, SC

LOCATION.--Lat 34°03'25'', long 79°14'50'', Horry-Marion County Line, Hydrologic Unit 03040204, near left bank, on downstream side of bridge on U.S. Highway 501, at Galivants Ferry, 1.0 mi downstream from Lake Swamp, and at mile 41.7.

DRAINAGE AREA.--2,790 mi², approximately.

PERIOD OF RECORD.--January 1942 to current year. Monthly discharge only for some periods, published in WSP 1303.

GAGE.--Data collection platform. Datum of gage is 23.95 ft above sea level. Prior to July 26, 1967, nonrecording gage and crest-stage gage at same site and datum.

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

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage known, 16.0 ft, in September 1928, from floodmark set by local resident.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|-------|--------|--------|-------|--------|--------|--------|-------|-------|-------|-------|-------|--------|
| 1 | 14500 | 8800 | 2050 | 2700 | 13100 | 4570 | 4150 | 2140 | 756 | 745 | 1880 | 741 |
| 2 | 13200 | 7960 | 2040 | 2650 | 12700 | 4390 | 3930 | 2090 | 668 | 734 | 1960 | 877 |
| 3 | 12100 | 7260 | 2030 | 2590 | 12100 | 4190 | 3730 | 2050 | 606 | 759 | 1990 | 1050 |
| 4 | 11200 | 6680 | 2010 | 2540 | 11700 | 4000 | 3540 | 2010 | 698 | 802 | 1970 | 1260 |
| 5 | 10500 | 6190 | 2000 | 2510 | 11400 | 3840 | 3360 | 1960 | 839 | 829 | 1930 | 1560 |
| 6 | 9840 | 5730 | 2000 | 2440 | 11000 | 3650 | 3200 | 1890 | 1260 | 851 | 1860 | 1800 |
| 7 | 9180 | 5300 | 2010 | 2420 | 10400 | 3500 | 3040 | 1830 | 1570 | 788 | 1780 | 2040 |
| 8 | 8580 | 4910 | 2030 | 2390 | 9730 | 3370 | 2910 | 1750 | 1730 | 750 | 1690 | 2580 |
| 9 | 8030 | 4570 | 2050 | 2330 | 8950 | 3250 | 2830 | 1670 | 1760 | 723 | 1630 | 3390 |
| 10 | 7570 | 4290 | 2040 | 2320 | 8240 | 3140 | 2690 | 1580 | 1740 | 679 | 1580 | 4390 |
| 11 | 7250 | 4040 | 2040 | 2330 | 7640 | 3080 | 2590 | 1480 | 1660 | 627 | 1440 | 5070 |
| 12 | 6970 | 3810 | 2050 | 2340 | 7150 | 3150 | 2490 | 1380 | 1540 | 590 | 1310 | 5230 |
| 13 | 6720 | 3600 | 2060 | 2400 | 6750 | 3150 | 2380 | 1290 | 1360 | 571 | 1210 | 5000 |
| 14 | 6570 | 3390 | 2140 | 2450 | 6570 | 3220 | 2280 | 1200 | 1180 | 562 | 1160 | 4600 |
| 15 | 6390 | 3220 | 2150 | 2530 | 6350 | 3220 | 2270 | 1120 | 1010 | 567 | 1140 | 4190 |
| 16 | 6240 | 3060 | 2150 | 2680 | 6190 | 3210 | 2220 | 1040 | 907 | 589 | 1130 | 3740 |
| 17 | 7130 | 2910 | 2160 | 2880 | 6080 | 3490 | 2180 | 958 | 931 | 605 | 1110 | 3350 |
| 18 | 8900 | 2780 | 2160 | 3110 | 5960 | 3710 | 2250 | 871 | 969 | 616 | 1080 | 3190 |
| 19 | 12600 | 2660 | 2290 | 3320 | 5930 | 4130 | 2220 | 777 | 965 | 647 | 1110 | 3060 |
| 20 | 17100 | 2560 | 2390 | 3520 | 5940 | 4790 | 2190 | 688 | 987 | 701 | 1030 | 2890 |
| 21 | 20000 | 2470 | 2440 | 3570 | 5930 | 5470 | 2180 | 617 | 1030 | 757 | 948 | 2860 |
| 22 | 22100 | 2400 | 2570 | 3560 | 5860 | 5960 | 2180 | 587 | 1060 | 801 | 872 | 2920 |
| 23 | 22600 | 2340 | 2690 | 3760 | 5730 | 6510 | 2200 | 556 | 1120 | 849 | 803 | 3450 |
| 24 | 21700 | 2290 | 2810 | 4060 | 5540 | 6600 | 2220 | 534 | 1140 | 894 | 740 | 4170 |
| 25 | 20200 | 2250 | 2910 | 4900 | 5360 | 6330 | 2230 | 524 | 1140 | 944 | 723 | 5110 |
| 26 | 18600 | 2200 | 2960 | 5780 | 5180 | 5970 | 2240 | 602 | 1070 | 980 | 658 | 6080 |
| 27 | 16900 | 2170 | 2950 | 7180 | 5040 | 5630 | 2220 | 803 | 980 | 1040 | 583 | 6370 |
| 28 | 15000 | 2130 | 2910 | 8980 | 4890 | 5310 | 2220 | 1030 | 903 | 1140 | 553 | 6400 |
| 29 | 13200 | 2100 | 2860 | 10700 | 4730 | 4950 | 2200 | 1070 | 848 | 1290 | 545 | 6520 |
| 30 | 11500 | 2070 | 2810 | 12300 | --- | 4660 | 2180 | 978 | 799 | 1530 | 585 | 6490 |
| 31 | 10100 | --- | 2750 | 13100 | --- | 4400 | --- | 859 | --- | 1750 | 651 | --- |
| TOTAL | 382470 | 116140 | 72510 | 130340 | 222140 | 134840 | 78520 | 37934 | 33226 | 25710 | 37651 | 110378 |
| MEAN | 12340 | 3871 | 2339 | 4205 | 7660 | 4350 | 2617 | 1224 | 1108 | 829 | 1215 | 3679 |
| MAX | 22600 | 8800 | 2960 | 13100 | 13100 | 6600 | 4150 | 2140 | 1760 | 1750 | 1990 | 6520 |
| MIN | 6240 | 2070 | 2000 | 2320 | 4730 | 3080 | 2180 | 524 | 606 | 562 | 545 | 741 |
| CFSM | 4.42 | 1.39 | .84 | 1.51 | 2.75 | 1.56 | .94 | .44 | .40 | .30 | .44 | 1.32 |
| IN. | 5.10 | 1.55 | .97 | 1.74 | 2.96 | 1.80 | 1.05 | .51 | .44 | .34 | .50 | 1.47 |

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1942 - 2000, BY WATER YEAR (WY)

| | | | | | | | | | | | | |
|------|-------|------|-------|-------|-------|-------|-------|------|------|------|-------|-------|
| MEAN | 2110 | 1852 | 2843 | 4377 | 5455 | 5831 | 4466 | 2288 | 1762 | 1852 | 2331 | 2500 |
| MAX | 14020 | 9623 | 10680 | 11760 | 15610 | 14710 | 12450 | 7308 | 7167 | 6650 | 11460 | 12410 |
| (WY) | 1965 | 1948 | 1949 | 1993 | 1973 | 1983 | 1973 | 1978 | 1966 | 1961 | 1974 | 1945 |
| MIN | 344 | 499 | 821 | 1082 | 1361 | 1607 | 962 | 557 | 432 | 238 | 281 | 212 |
| (WY) | 1952 | 1974 | 1952 | 1952 | 1989 | 1981 | 1981 | 1981 | 1990 | 1990 | 1954 | 1954 |

| SUMMARY STATISTICS | | 02135000 LITTLE PEE DEE RIVER AT GALIVANT'S FERRY, SC--Continued | | WATER YEARS 1942 - 2000 | |
|--------------------------|------------------------|--|-------|-------------------------|-------|
| | FOR 1999 CALENDAR YEAR | FOR 2000 WATER YEAR | | | |
| ANNUAL TOTAL | 1452748 | 1381859 | | | |
| ANNUAL MEAN | 3980 | 3776 | | | 3138 |
| HIGHEST ANNUAL MEAN | | | | | 5947 |
| LOWEST ANNUAL MEAN | | | | | 1371 |
| HIGHEST DAILY MEAN | 22600 | Oct 23 | 22600 | Oct 23 | 27500 |
| LOWEST DAILY MEAN | 330 | Aug 14 | 524 | May 25 | 158 |
| ANNUAL SEVEN-DAY MINIMUM | 349 | Aug 12 | 586 | Jul 12 | 164 |
| INSTANTANEOUS PEAK FLOW | | | 22700 | Oct 23 | 27600 |
| INSTANTANEOUS PEAK STAGE | | | 12.46 | Oct 23 | 13.01 |
| INSTANTANEOUS LOW FLOW | | | 511 | May 25 | 155 |
| ANNUAL RUNOFF (CFSM) | 1.43 | | 1.35 | | 1.12 |
| ANNUAL RUNOFF (INCHES) | 19.37 | | 18.42 | | 15.28 |
| 10 PERCENT EXCEEDS | 9220 | | 8340 | | 7040 |
| 50 PERCENT EXCEEDS | 2440 | | 2410 | | 2110 |
| 90 PERCENT EXCEEDS | 581 | | 758 | | 622 |

