

02083000 FISHING CREEK NEAR ENFIELD, NC

LOCATION.--Lat 36°09'04", long 77°41'34", Edgecombe County, Hydrologic Unit 03020102, on right bank 15 ft downstream of bridge on U.S. Highway 301, 2,000 ft downstream of Seaboard Coast Line Railroad bridge, 2 mi southwest of Enfield, 4.8 mi downstream of Rocky Creek, and 40 mi upstream from mouth.

DRAINAGE AREA.--526 mi².

PERIOD OF RECORD.--October 1923 to current year. Figures of daily discharge below 250 ft³/s, Oct 1, 1923, to July 3, 1924; below 350 ft³/s, May 30, 1925, to May 31, 1926; below 150 ft³/s, June 1 to Nov. 16, 1926; and below 100 ft³/s, Nov. 17, 1926, to Sept. 30, 1928; published in WSP 622, 642, and 662 are unreliable and should not be used. Gage-height records collected at site 2,000 ft upstream at different datum July 1, 1910, to Apr. 30, 1914, and at present site and datum since May 1, 1914, are contained in reports of National Weather Service, NOAA, U.S. Department of Commerce.

REVISED RECORDS.--WSP 872: 1935(M), WSP 1333: 1928(M), 1932-33, 1935. WDR NC-81-1: Drainage area. See also PERIOD OF RECORD.

GAGE.--Water-stage recorder. Datum of gage is 73.23 ft above NAVD of 1988. Prior to Oct. 28, 1932, nonrecording gage and Oct. 29, 1932, to Sept. 30, 1992, at same site at datum 76.26 ft. National Weather Service telephone telemetry at station. Satellite telemetry at station.

REMARKS.--No estimated daily discharges. Records fair. Slight diurnal fluctuation and some regulation at low flow caused by upstream mills.

EXTREMES OUTSIDE PERIOD OF RECORD.--The flood of Apr. 19, 1910, reached a stage of 20.1 ft, at datum 76.26 ft (from floodmarks of Seaboard Coast Line Railroad Co.) at site 2,000 ft upstream. Flood of July 24, 1919, reached a stage of 19.6 ft at datum 76.26 ft; discharge, 20,300 ft³/s.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|
| 1 | 69 | 805 | 300 | 507 | 1,680 | 2,820 | 1,640 | 439 | 553 | 195 | 243 | 91 |
| 2 | 65 | 514 | 290 | 635 | 1,470 | 3,030 | 1,300 | 396 | 550 | 212 | 253 | 154 |
| 3 | 62 | 378 | 276 | 983 | 937 | 2,990 | 859 | 372 | 487 | 376 | 348 | 178 |
| 4 | 58 | 303 | 262 | 955 | 634 | 2,120 | 650 | 379 | 413 | 606 | 297 | 143 |
| 5 | 55 | 253 | 489 | 771 | 590 | 1,300 | 560 | 430 | 393 | 575 | 209 | 233 |
| 6 | 53 | 389 | 1,270 | 592 | 545 | 1,430 | 521 | 403 | 691 | 420 | 169 | 494 |
| 7 | 50 | 804 | 1,370 | 496 | 806 | 2,190 | 564 | 418 | 701 | 285 | 169 | 263 |
| 8 | 47 | 738 | 1,220 | 445 | 1,480 | 2,020 | 1,540 | 426 | 881 | 207 | 656 | 171 |
| 9 | 45 | 479 | 957 | 414 | 1,440 | 1,470 | 2,500 | 383 | 1,890 | 169 | 1,520 | 140 |
| 10 | 43 | 370 | 729 | 395 | 1,060 | 970 | 3,670 | 365 | 2,170 | 150 | 1,820 | 124 |
| 11 | 108 | 310 | 627 | 376 | 944 | 728 | 4,540 | 753 | 1,820 | 136 | 2,620 | 114 |
| 12 | 1,210 | 312 | 736 | 354 | 839 | 616 | 4,790 | 1,160 | 1,360 | 144 | 2,120 | 105 |
| 13 | 1,360 | 850 | 929 | 336 | 660 | 561 | 4,570 | 1,060 | 741 | 136 | 1,060 | 97 |
| 14 | 1,150 | 1,550 | 1,610 | 323 | 533 | 535 | 3,620 | 621 | 451 | 166 | 534 | 93 |
| 15 | 648 | 1,290 | 1,820 | 318 | 479 | 529 | 2,000 | 385 | 386 | 724 | 372 | 98 |
| 16 | 418 | 745 | 1,740 | 312 | 557 | 527 | 915 | 332 | 355 | 698 | 292 | 102 |
| 17 | 473 | 688 | 1,380 | 315 | 1,040 | 515 | 694 | 329 | 369 | 483 | 244 | 97 |
| 18 | 561 | 1,210 | 865 | 317 | 1,130 | 510 | 600 | 371 | 491 | 401 | 247 | 346 |
| 19 | 422 | 1,340 | 557 | 294 | 1,100 | 485 | 613 | 587 | 656 | 422 | 292 | 2,830 |
| 20 | 293 | 980 | 514 | 294 | 1,100 | 992 | 719 | 1,260 | 645 | 303 | 398 | 4,270 |
| 21 | 220 | 658 | 613 | 327 | 1,150 | 2,910 | 700 | 1,300 | 640 | 214 | 301 | 4,880 |
| 22 | 220 | 560 | 624 | 327 | 1,140 | 3,450 | 612 | 1,180 | 521 | 173 | 217 | 4,480 |
| 23 | 288 | 524 | 550 | 317 | 2,170 | 3,540 | 630 | 2,130 | 406 | 150 | 199 | 2,490 |
| 24 | 311 | 461 | 525 | 241 | 2,450 | 3,430 | 556 | 2,990 | 338 | 153 | 170 | 1,130 |
| 25 | 247 | 406 | 1,240 | 236 | 2,110 | 2,220 | 485 | 3,280 | 279 | 188 | 150 | 1,130 |
| 26 | 199 | 378 | 1,770 | 313 | 1,340 | 877 | 491 | 3,260 | 228 | 259 | 145 | 878 |
| 27 | 171 | 357 | 1,820 | 311 | 868 | 635 | 691 | 2,620 | 201 | 200 | 127 | 614 |
| 28 | 160 | 334 | 1,540 | 242 | 2,110 | 564 | 774 | 2,100 | 187 | 155 | 114 | 443 |
| 29 | 371 | 320 | 1,030 | 286 | --- | 554 | 613 | 1,670 | 208 | 130 | 106 | 376 |
| 30 | 1,110 | 311 | 652 | 356 | --- | 853 | 505 | 985 | 215 | 218 | 96 | 337 |
| 31 | 1,080 | --- | 547 | 1,210 | --- | 1,560 | --- | 664 | --- | 225 | 90 | --- |
| TOTAL | 11,567 | 18,617 | 28,852 | 13,598 | 32,362 | 46,931 | 42,922 | 33,048 | 19,226 | 8,873 | 15,578 | 26,901 |
| MEAN | 373 | 621 | 931 | 439 | 1,156 | 1,514 | 1,431 | 1,066 | 641 | 286 | 503 | 897 |
| MAX | 1,360 | 1,550 | 1,820 | 1,210 | 2,450 | 3,540 | 4,790 | 3,280 | 2,170 | 724 | 2,620 | 4,880 |
| MIN | 43 | 253 | 262 | 236 | 479 | 485 | 485 | 329 | 187 | 130 | 90 | 91 |
| CFSM | 0.71 | 1.18 | 1.77 | 0.83 | 2.20 | 2.88 | 2.72 | 2.03 | 1.22 | 0.54 | 0.96 | 1.70 |
| IN. | 0.82 | 1.32 | 2.04 | 0.96 | 2.29 | 3.32 | 3.04 | 2.34 | 1.36 | 0.63 | 1.10 | 1.90 |

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1927 - 2003, BY WATER YEAR (WY)

| | | | | | | | | | | | | |
|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| MEAN | 269 | 330 | 477 | 712 | 862 | 900 | 699 | 434 | 318 | 300 | 322 | 333 |
| MAX | 2,035 | 1,948 | 1,391 | 2,303 | 2,145 | 2,158 | 2,049 | 2,174 | 1,255 | 1,483 | 1,828 | 5,122 |
| (WY) | (1930) | (1986) | (1935) | (1936) | (1960) | (1989) | (1987) | (1958) | (1938) | (1975) | (1940) | (1999) |
| MIN | 14.0 | 26.0 | 46.0 | 60.4 | 198 | 248 | 170 | 103 | 27.0 | 38.0 | 26.8 | 14.2 |
| (WY) | (1934) | (1934) | (1934) | (1934) | (1934) | (1981) | (1967) | (2002) | (2002) | (2002) | (1993) | (1980) |

PAMLICO RIVER BASIN

02083000 FISHING CREEK NEAR ENFIELD, NC—Continued

| SUMMARY STATISTICS | FOR 2002 CALENDAR YEAR | | FOR 2003 WATER YEAR | | WATER YEARS 1927 - 2003 | |
|--------------------------|------------------------|--------|---------------------|--------|-------------------------|--------------|
| ANNUAL TOTAL | 141,951 | | 298,475 | | 495 | |
| ANNUAL MEAN | 389 | | 818 | | 871 | |
| HIGHEST ANNUAL MEAN | | | | | 1984 | |
| LOWEST ANNUAL MEAN | | | | | 148 | |
| HIGHEST DAILY MEAN | 4,400 | Sep 1 | 4,880 | Sep 21 | 29,200 | Sep 18, 1999 |
| LOWEST DAILY MEAN | 12 | Aug 16 | 43 | Oct 10 | 6.9 | Oct 5, 1968 |
| ANNUAL SEVEN-DAY MINIMUM | 13 | Aug 14 | 50 | Oct 4 | 8.1 | Sep 30, 1968 |
| MAXIMUM PEAK FLOW | | | 4,950 | Sep 21 | 30,100 | Sep 18, 1999 |
| MAXIMUM PEAK STAGE | | | 16.85 | Sep 21 | 21.65 | Sep 18, 1999 |
| INSTANTANEOUS LOW FLOW | | | 42 | Oct 10 | NOT DETERMINED | |
| ANNUAL RUNOFF (CFSM) | 0.74 | | 1.55 | | 0.94 | |
| ANNUAL RUNOFF (INCHES) | 10.04 | | 21.11 | | 12.78 | |
| 10 PERCENT EXCEEDS | 1,000 | | 1,930 | | 1,090 | |
| 50 PERCENT EXCEEDS | 201 | | 524 | | 271 | |
| 90 PERCENT EXCEEDS | 20 | | 154 | | 68 | |

