

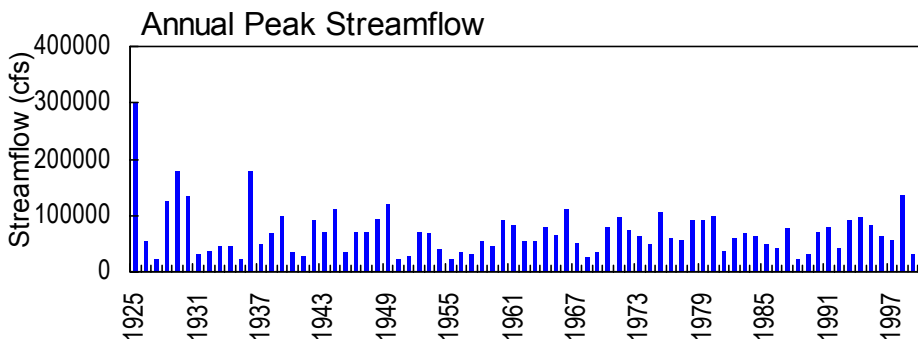
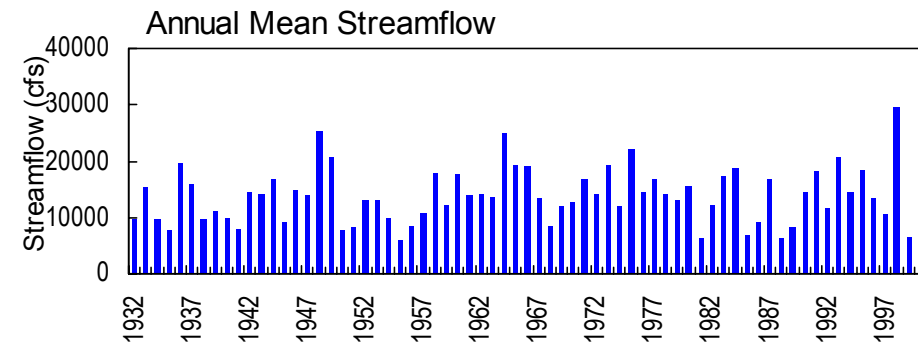
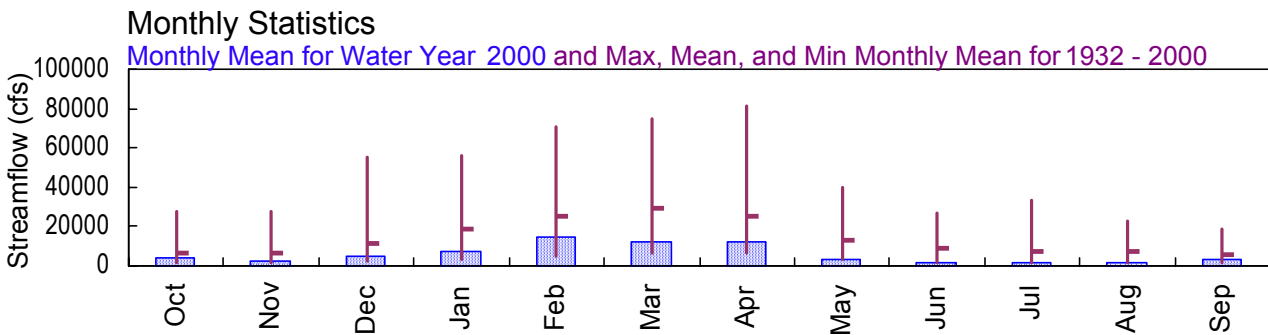
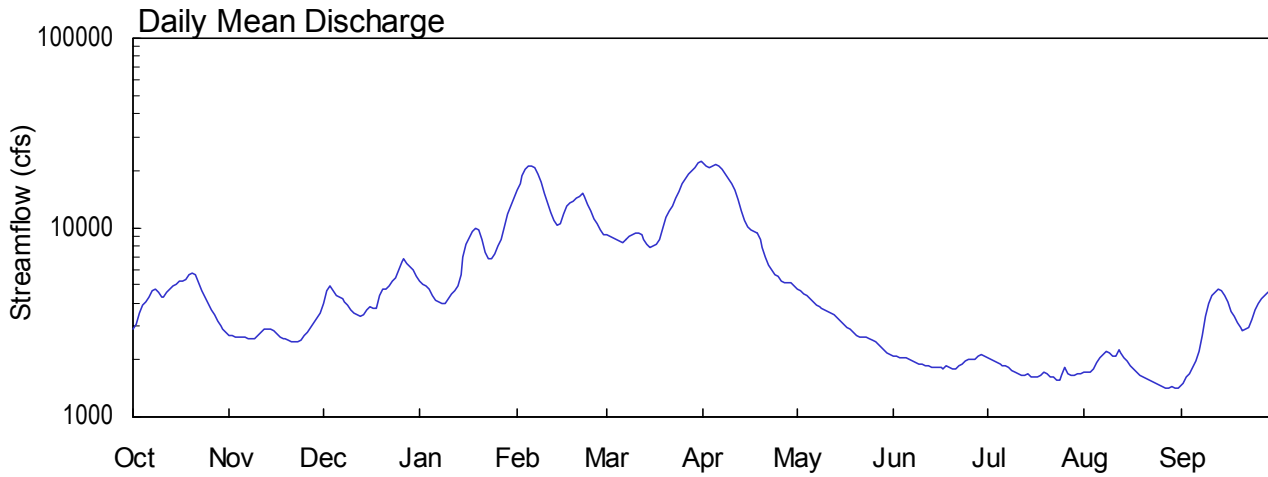


ALTAMAHA RIVER BASIN

2000 Water Year

02226000 ALTAMAHA RIVER AT DOCTORTOWN, GA

Latitude: 31° 39' 16" Longitude: 81° 49' 41" Hydrologic Unit Code: 03070106 Wayne County
Drainage Area: 13600 mi² Datum: 24.48 feet Period of Record: 1932 - 2000



02226000 - Altamaha River at Doctortown, GA

**ALTAMAHA RIVER BASIN
2000 Water Year**

02226000 ALTAMAHA RIVER AT DOCTORTOWN, GA

LOCATION.--Lat 31°39'16", long 81°49'41", Wayne-Long County line, Hydrologic Unit 03070106, on right bank 60 feet downstream from Seaboard Coast Line Railroad bridge at Doctortown, 4.5 miles northeast of Jesup, and at mile 64.5.

DRAINAGE AREA.--13,600 mi², approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1931 to current year. Gage-heights collected at same site since 1925 are contained in reports of National Weather Service.

REVISED RECORDS.--WSP 822: Drainage area.

GAGE.—Phone telemetry with a water-stage recorder. Datum of gage is 24.48 feet above sea level. Prior to Sept. 5, 1934, non-recording gage, and Sept. 5, 1934 to Sept. 30, 1975, water-stage recorder at same site at datum 4.0 feet higher.

REMARKS.--Records good. Records of chemical analyses for the water years 1967-77 are published in reports of the U.S. Geological Survey.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage known since at least 1800, 18.6 feet, present datum, Jan. 23, 1925, discharge, 300,000 ft³/s, from rating curve extended above 180,000 ft³/s.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 30,000 ft³/s and maximum (*):

| DATE | TIME | DISCHARGE (ft ³ /s) | GAGE HEIGHT (ft) |
|---------|------|--------------------------------|------------------|
| Mar. 31 | 0530 | 22,700* | 10.26* |

No other peaks greater than base discharge

STATION NUMBER 02226000 ALTAMAHA RIVER AT DOCTORTOWN, GA STREAM SOURCE AGENCY USGS
 LATITUDE 313916 LONGITUDE 0814941 DRAINAGE AREA 13600 DATUM 24.48 STATE 13 COUNTY 305

PROVISIONAL DATA

SUBJECT TO REVISION

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 | 2900 | 2690 | 3950 | 5250 | 15700 | 9120 | 22100 | 4770 | 2090 | 2040 | 1720 | 1470 |
| 2 | 3090 | 2670 | 4630 | 5060 | 17200 | 8990 | 21100 | 4640 | 2080 | 2020 | 1710 | 1500 |
| 3 | 3550 | 2650 | 4880 | 4900 | 18800 | 8750 | 20800 | 4490 | 2070 | 1970 | 1730 | 1610 |
| 4 | 3910 | 2640 | 4620 | 4690 | 20400 | 8570 | 21100 | 4350 | 2060 | 1920 | 1800 | 1700 |
| 5 | 4080 | 2660 | 4380 | 4410 | 21300 | 8420 | 21500 | 4200 | 2070 | 1900 | 1940 | 1820 |
| 6 | 4280 | 2660 | 4300 | 4130 | 21300 | 8390 | 21300 | 4050 | 2000 | 1880 | 2040 | 1960 |
| 7 | 4660 | 2610 | 4240 | 4030 | 20600 | 8610 | 20400 | 3930 | 1980 | 1860 | 2120 | 2220 |
| 8 | 4700 | 2580 | 4080 | 4010 | 19200 | 8950 | 19200 | 3820 | 1940 | 1840 | 2220 | 2700 |
| 9 | 4510 | 2590 | 3860 | 4000 | 17300 | 9200 | 18200 | 3720 | 1910 | 1760 | 2160 | 3400 |
| 10 | 4320 | 2680 | 3680 | 4210 | 15300 | 9380 | 17200 | 3650 | 1890 | 1710 | 2080 | 4010 |
| 11 | 4260 | 2820 | 3550 | 4460 | 13500 | 9390 | 15800 | 3610 | 1870 | 1680 | 2110 | 4350 |
| 12 | 4510 | 2910 | 3460 | 4670 | 12100 | 9180 | 14000 | 3560 | 1850 | 1660 | 2240 | 4590 |
| 13 | 4750 | 2940 | 3430 | 4890 | 10900 | 8710 | 12200 | 3450 | 1830 | 1660 | 2160 | 4720 |
| 14 | 4920 | 2930 | 3480 | 5630 | 10200 | 8200 | 10900 | 3340 | 1810 | 1680 | 2070 | 4660 |
| 15 | 5040 | 2870 | 3670 | 6920 | 10500 | 7900 | 10100 | 3220 | 1840 | 1640 | 1980 | 4400 |
| 16 | 5180 | 2750 | 3820 | 8090 | 11700 | 7940 | 9740 | 3070 | 1810 | 1640 | 1880 | 4020 |
| 17 | 5200 | 2640 | 3760 | 8850 | 12900 | 8160 | 9560 | 2970 | 1800 | 1640 | 1790 | 3640 |
| 18 | 5340 | 2590 | 3780 | 9460 | 13600 | 8700 | 9270 | 2890 | 1860 | 1670 | 1710 | 3390 |
| 19 | 5640 | 2570 | 4400 | 9990 | 13900 | 9810 | 8700 | 2790 | 1830 | 1710 | 1650 | 3160 |
| 20 | 5780 | 2530 | 4770 | 9750 | 14200 | 11300 | 7840 | 2710 | 1800 | 1700 | 1610 | 2970 |
| 21 | 5590 | 2510 | 4760 | 8580 | 14700 | 12200 | 6970 | 2640 | 1780 | 1640 | 1590 | 2860 |
| 22 | 5080 | 2490 | 4960 | 7460 | 15100 | 13000 | 6390 | 2630 | 1850 | 1610 | 1560 | 2890 |
| 23 | 4620 | 2490 | 5240 | 6840 | 14600 | 14200 | 5920 | 2650 | 1890 | 1570 | 1530 | 2990 |
| 24 | 4260 | 2540 | 5470 | 6850 | 13300 | 15600 | 5660 | 2590 | 1960 | 1570 | 1500 | 3280 |
| 25 | 3960 | 2670 | 5950 | 7310 | 12200 | 17000 | 5480 | 2530 | 2010 | 1650 | 1480 | 3660 |
| 26 | 3690 | 2820 | 6620 | 7960 | 11200 | 18200 | 5200 | 2470 | 2000 | 1810 | 1450 | 3940 |
| 27 | 3450 | 2950 | 6790 | 8710 | 10400 | 19300 | 5130 | 2390 | 2000 | 1700 | 1430 | 4210 |
| 28 | 3230 | 3130 | 6520 | 10100 | 9710 | 20100 | 5160 | 2320 | 2090 | 1660 | 1430 | 4400 |
| 29 | 3050 | 3340 | 6240 | 11700 | 9180 | 20600 | 5070 | 2260 | 2150 | 1660 | 1450 | 4520 |
| 30 | 2900 | 3510 | 5950 | 13100 | --- | 22000 | 4920 | 2190 | 2080 | 1680 | 1410 | 4670 |
| 31 | 2790 | --- | 5550 | 14400 | --- | 22600 | --- | 2130 | --- | 1690 | 1410 | --- |
| TOTAL | 133240 | 82430 | 144790 | 220410 | 420990 | 372470 | 366910 | 100030 | 58200 | 53820 | 54960 | 99710 |
| MEAN | 4298 | 2748 | 4671 | 7110 | 14520 | 12020 | 12230 | 3227 | 1940 | 1736 | 1773 | 3324 |
| MAX | 5780 | 3510 | 6790 | 14400 | 21300 | 22600 | 22100 | 4770 | 2150 | 2040 | 2240 | 4720 |
| MIN | 2790 | 2490 | 3430 | 4000 | 9180 | 7900 | 4920 | 2130 | 1780 | 1570 | 1410 | 1470 |
| CFSM | .32 | .20 | .34 | .52 | 1.07 | .88 | .90 | .24 | .14 | .13 | .13 | .24 |
| IN. | .36 | .23 | .40 | .60 | 1.15 | 1.02 | 1.00 | .27 | .16 | .15 | .15 | .27 |

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1932 - 2000, BY WATER YEAR (WY)

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| MEAN | 6280 | 6241 | 11210 | 18650 | 25240 | 29500 | 25190 | 12900 | 8571 | 7653 | 7575 | 6061 |
| MAX | 27680 | 27850 | 55570 | 56050 | 70970 | 74520 | 80960 | 39850 | 26650 | 33290 | 23090 | 18630 |
| (WY) | 1995 | 1948 | 1949 | 1998 | 1998 | 1998 | 1936 | 1964 | 1966 | 1994 | 1964 | 1949 |
| MIN | 1748 | 1789 | 2688 | 3568 | 4512 | 6795 | 6191 | 2991 | 1940 | 1736 | 1773 | 1874 |
| (WY) | 1955 | 1955 | 1955 | 1981 | 1989 | 1938 | 1985 | 1986 | 2000 | 2000 | 2000 | 1999 |

SUMMARY STATISTICS

FOR 1999 CALENDAR YEAR

FOR 2000 WATER YEAR

WATER YEARS 1932 - 2000

| | | | | |
|--------------------------|---------|---------|-------|--------|
| ANNUAL TOTAL | 2253010 | 2107960 | | |
| ANNUAL MEAN | 6173 | 5759 | 13690 | |
| HIGHEST ANNUAL MEAN | | | 29390 | 1998 |
| LOWEST ANNUAL MEAN | | | 5759 | 2000 |
| HIGHEST DAILY MEAN | 31500 | Feb 15 | 22600 | Mar 31 |
| LOWEST DAILY MEAN | 1590 | Sep 18 | 1410 | Aug 30 |
| ANNUAL SEVEN-DAY MINIMUM | 1620 | Sep 14 | 1440 | Aug 26 |
| INSTANTANEOUS PEAK FLOW | | | 22700 | Mar 31 |
| INSTANTANEOUS PEAK STAGE | | | 10.26 | Mar 31 |
| INSTANTANEOUS LOW FLOW | | | 1400 | Aug 30 |
| ANNUAL RUNOFF (CFSM) | .45 | .42 | 1.01 | |
| ANNUAL RUNOFF (INCHES) | 6.16 | 5.77 | 13.68 | |
| 10 PERCENT EXCEEDS | 12600 | 13900 | 31400 | |
| 50 PERCENT EXCEEDS | 4510 | 3880 | 8200 | |
| 90 PERCENT EXCEEDS | 2260 | 1710 | 3230 | |