

**OCHLOCKONEE RIVER BASIN
2001 Calendar Year**

02328200 OCHLOCKONEE RIVER NEAR CALVARY, GA

LOCATION.--Lat 30°43'53", long 84°14'12", Grady County, Hydrologic Unit 03120003, at bridge on Hadley Ferry Road, 1.5 miles downstream from Tired Creek, and 6.5 miles east of Calvary.

DRAINAGE AREA.--930 mi², approximately.

PERIODIC WATER-QUALITY RECORDS

PERIOD OF RECORD.--August 1974 to February 1994, October 1994 to current year.

REMARKS.--Laboratory analyses with analyzing agency code 81213 are by the U.S. Geological Survey, Ocala Water Quality and Research Laboratory. Laboratory analyses with analyzing agency code 81341 are by the Georgia Department of Natural Resources, Environmental Protection Division, Laboratory Operations Program. Field determinations of Discharge, Specific Conductance, pH, Water Temperature, Air Temperature, and Dissolved Oxygen are by the U.S. Geological Survey.

WATER-QUALITY DATA, CALENDAR YEAR JANUARY 2001 TO DECEMBER 2001

| DATE | TIME | AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028) | DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061) | COLOR (PLAT- INUM- COBALT UNITS) (00080) | TUR- BID- ITY (NTU) (00076) | OXYGEN, DIS- SOLVED (MG/L) (00300) | OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301) | PH WATER WHOLE FIELD ARD UNITS) (00400) | PH WATER WHOLE LAB ARD UNITS) (00403) | SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095) | SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (00095) | TEMPER- ATURE AIR (DEG C) (00020) | TEMPER- ATURE WATER (DEG C) (00010) |
|-------|------|---|---|---|---|--|---|---|---|---|---|---|---|
| JAN | | | | | | | | | | | | | |
| 30... | 1300 | 81341 | 925 | 80 | 8.0 | 10.5 | 96 | 7.1 | 6.6 | 100 | 99 | 22.0 | 11.2 |
| FEB | | | | | | | | | | | | | |
| 06... | 1230 | 81213 | 769 | -- | -- | 11.2 | 100 | 6.8 | -- | -- | 105 | 16.0 | 10.9 |
| 13... | 1200 | 81213 | 535 | -- | -- | 9.2 | 87 | 7.0 | -- | -- | 122 | 16.5 | 13.6 |
| 21... | 1420 | 81341 | 433 | 100 | 7.0 | 9.0 | 90 | 7.1 | 7.2 | 124 | 127 | 23.0 | 15.6 |
| MAR | | | | | | | | | | | | | |
| 13... | 1230 | 81341 | 1950 | 70 | 28 | 8.1 | 81 | 6.9 | 6.7 | 84 | 85 | 23.5 | 15.4 |
| APR | | | | | | | | | | | | | |
| 18... | 1355 | 81341 | 844 | 180 | 11 | 5.7 | 62 | 7.2 | 6.9 | 97 | 99 | 16.0 | 20.0 |
| MAY | | | | | | | | | | | | | |
| 30... | 1225 | 81341 | 213 | 55 | 5.0 | 7.1 | 88 | 7.3 | 7.3 | 187 | 190 | 29.5 | 26.0 |
| JUN | | | | | | | | | | | | | |
| 07... | 1025 | 81213 | 630 | -- | -- | 5.2 | 61 | 6.5 | -- | -- | 97 | 27.5 | 24.3 |
| 13... | 1040 | 81213 | 1970 | -- | -- | 6.0 | 71 | 6.5 | -- | -- | 65 | 25.5 | 23.9 |
| 20... | 0915 | 81341 | 1620 | 160 | 18 | 5.2 | 63 | 6.6 | 6.3 | 83 | 81 | 24.0 | 24.9 |
| JUL | | | | | | | | | | | | | |
| 18... | 1030 | 81341 | 681 | 140 | 17 | 5.1 | 63 | 6.7 | 6.3 | 78 | 80 | 26.5 | 26.3 |
| 24... | 1240 | 81213 | 657 | -- | -- | 6.8 | 85 | 7.0 | -- | -- | 73 | 27.0 | 26.8 |
| 31... | 1300 | 81213 | 794 | -- | -- | 5.9 | 73 | 6.4 | -- | -- | 120 | 27.5 | 26.8 |
| AUG | | | | | | | | | | | | | |
| 07... | 1145 | 81341 | 750 | 20 | <5.0 | 6.0 | 74 | 6.5 | -- | -- | 99 | 27.0 | 26.6 |
| SEP | | | | | | | | | | | | | |
| 18... | 1100 | 81341 | 279 | 70 | 10 | 7.3 | 84 | -- | 7.0 | 130 | 126 | 27.0 | 22.9 |
| OCT | | | | | | | | | | | | | |
| 23... | 1215 | 81341 | 151 | 40 | 5.0 | 6.8 | 79 | -- | 7.1 | 179 | 177 | 29.0 | 22.6 |
| NOV | | | | | | | | | | | | | |
| 07... | 1135 | 81213 | <30 | -- | -- | 9.0 | 89 | 7.0 | -- | -- | 218 | 22.0 | 15.6 |
| 14... | 1325 | 81341 | -- | 40 | 4.0 | 10.5 | 106 | 6.7 | -- | 242 | 246 | 22.0 | 16.3 |
| 27... | 0830 | 81213 | 281 | -- | -- | 8.4 | 89 | 7.1 | -- | -- | 250 | 18.5 | 18.7 |
| DEC | | | | | | | | | | | | | |
| 04... | 0845 | 81341 | 283 | 60 | 7.0 | 8.2 | 86 | 6.6 | -- | 205 | 199 | 13.0 | 18.2 |

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02328200 OCHLOCKONEE RIVER NEAR CALVARY, GA--Continued

WATER-QUALITY DATA, CALENDAR YEAR JANUARY 2001 TO DECEMBER 2001

| DATE | ANC UNFLTRD TIT 4.5 LAB (MG/L AS CACO3) (90410) | RESIDUE TOTAL AT 105 DEG. C, SUS-PENDEDED (MG/L) (00530) | NITRO-GEN, AMMONIA TOTAL (MG/L AS N) (00610) | NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N) (00630) | PHOS-PHORUS TOTAL (MG/L AS P) (00665) | CARBON, ORGANIC TOTAL (MG/L AS C) (00680) | OXYGEN DEMAND, BIO-CHEMICAL, 5 DAY (MG/L) (00310) | COLI-FORM, FECAL, EC BROTH (MPN) (31615) |
|-----------|---|--|--|--|---------------------------------------|---|---|--|
| JAN 30... | 10 | 2 | .10 | .42 | .080 | 13 | <2.0 | 80 |
| FEB 06... | -- | -- | -- | -- | -- | -- | -- | 80 |
| FEB 13... | -- | -- | -- | -- | -- | -- | -- | 210 |
| FEB 21... | 12 | 9 | .04 | .61 | .150 | 12 | <2.0 | 70 |
| MAR 13... | 10 | 17 | <.03 | .41 | .210 | 17 | <2.0 | -- |
| APR 18... | 20 | 8 | .08 | .62 | .300 | 13 | <2.0 | -- |
| MAY 30... | 46 | 6 | <.03 | 1.0 | .210 | 6.9 | <2.0 | 20 |
| JUN 07... | -- | -- | -- | -- | -- | -- | -- | 330 |
| JUN 13... | -- | -- | -- | -- | -- | -- | -- | 7900 |
| JUN 20... | 11 | 7 | <.03 | .32 | .120 | 15 | <2.0 | 170 |
| JUL 18... | 11 | 4 | <.03 | .28 | .150 | 13 | <2.0 | 50 |
| JUL 24... | -- | -- | -- | -- | -- | -- | -- | 1300 |
| JUL 31... | -- | -- | -- | -- | -- | -- | -- | 460 |
| AUG 07... | 37 | 2 | .03 | .39 | .170 | 3.3 | <2.0 | 20 |
| SEP 18... | 29 | 9 | <.03 | .58 | .170 | 7.8 | <2.0 | -- |
| OCT 23... | 32 | <1 | .05 | 1.4 | .180 | 7.0 | <2.0 | -- |
| NOV 07... | -- | -- | -- | -- | -- | -- | -- | 20 |
| NOV 14... | 42 | 3 | <.03 | 2.7 | .260 | 5.1 | <2.0 | <20 |
| NOV 27... | -- | -- | -- | -- | -- | -- | -- | 20 |
| DEC 04... | 37 | 10 | <.03 | 1.1 | .210 | 6.3 | <2.0 | 70 |

Remark codes used in this report:
< -- Less than