



Water-Data Report 2008

02183528 EASTANOLLEE CREEK AT TOWER ROAD, NEAR AVALON, GA.

Savannah Basin
Tugaloo Subbasin

LOCATION.--Lat 34°31'34", long 83°11'08" referenced to North American Datum of 1927, Stephens County, GA, Hydrologic Unit 03060102, at downstream side of bridge on Tower Rd, .4 mile downstream from confluence with Little Eastnollee Creek, 1.3 miles upstream from the headwaters of Lake Hartwell, 1.7 miles northeast from Avalon, GA.

DRAINAGE AREA.--22.3 mi².

WATER-QUALITY RECORDS

REMARKS.--Analyzing agency is represented by the five-digit code listed under USGS Water Science Center special parameter code 99920. Laboratory analyses with analyzing agency code 81330 are by the Agricultural and Environmental Services Laboratory, College of Agricultural and Environmental Sciences, The University of Georgia, Athens, Georgia; laboratory analyses with analyzing agency code 81341 are by the Laboratory Services Section, Environmental Protection Division, Georgia Department of Natural Resources. Field determinations of Discharge, Specific Conductance, pH, Water Temperature, Air Temperature, and Dissolved Oxygen are by the U.S. Geological Survey.

COOPERATION.--Georgia Department of Natural Resources, Environmental Protection Division.

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Part 1 of 2

[Remark codes: <, less than.]

Date	Time	Time Datum	Agency collecting sample, code	Gage height, feet (00065)	Instantaneous discharge, cfs (00061)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	pH, water, unfltrd lab, std units (00403)	Specific conductance, wat lab, μS/cm 25 degC (90095)	Specific conductance, wat unf lab, μS/cm 25 degC (00095)	Temperature, air, deg C (00020)
Oct													
17...	1200	EST	USGS-WRD	1.75	16	744	9.2	97	7.0	7.2	120	119	22.2
Nov													
07...	1345	EST	USGS-WRD	1.83	20	748	9.8	88	7.5	7.3	110	106	18.8
Dec													
12...	1330	EST	USGS-WRD	1.82	20	747	10.9	108	7.3	7.3	110	106	27.4

02183528 EASTANOLLEE CREEK AT TOWER ROAD, NEAR AVALON, GA.—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 2 of 2

[Remark codes: <, less than.]

Date	Temper- ature, water, deg C (00010)	ANC,	Residue total non- filter- able, mg/L (00530)	Ammonia		Nitrate		Ortho- phos- phate, water, fltrd, mg/L as P (00671)	Phos- phorus, water, unfltrd mg/L (00665)	Organic carbon, water, unfltrd mg/L (00680)	BOD, water, unfltrd 5 day, 20 degC mg/L (00310)	USGS Water Science Center special 99920 (99920)
		wat unf fixed end pt, lab, mg/L as CaCO3 (00417)		org-N, water, unfltrd mg/L as N (00625)	Ammonia water, unfltrd mg/L as N (00610)	Nitrate + nitrite water unfltrd mg/L as N (00630)						
Oct												
17...	16.7	25	5	.270	.050	2.2	.1600	.21	3.7	1.6	81330	
Nov												
07...	9.5	26	16	.350	<.030	1.9	.0900	.16	6.3	2.2	81330	
Dec												
12...	13.8	28	24	.550	<.030	1.9	.0900	.16	5.7	1.2	81330	