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WATER USE IN GEORGIA BY COUNTY FOR 1995

by
Julia L. Fanning
U.S. Geological Survey



**GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION
GEORGIA GEOLOGIC SURVEY**

Prepared in cooperation with the
**U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY**

INFORMATION CIRCULAR 101

Cover photograph: Nora Mills dam and raceway at the Chattahoochee River
near Canoochee, Georgia. This grist mill was established in 1876.
Photograph by Alan M. Cressler, U.S. Geological Survey,
Atlanta, Ga.

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**DEPARTMENT OF NATURAL RESOURCES
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**ENVIRONMENTAL PROTECTION DIVISION
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**GEORGIA GEOLOGIC SURVEY
William H. McLemore, State Geologist**

**Atlanta, Georgia
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INFORMATION CIRCULAR 101

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WATER USE IN GEORGIA BY COUNTY FOR 1995

By Julia L. Fanning¹

ABSTRACT

Water use during 1995 was estimated for each county in Georgia by water-use category, using data obtained from various Federal and State agencies. Categories of offstream water use include public supply, domestic, commercial, industrial, mining, irrigation, livestock, and thermoelectric power; and instream use includes hydroelectric power generation.

Total offstream water use from ground- and surface-water sources was estimated to be 5,800 million gallons per day in 1995. More water was withdrawn for thermoelectric-power use than for any other category. Withdrawals for irrigation mostly were from ground-water sources, and withdrawals for public supply mostly were from surface-water sources. Instream water use for hydroelectric plants in the State was estimated to be 51,000 million gallons per day.

INTRODUCTION

Georgia receives an average of 50 inches of rainfall each year (Carter and Stiles, 1983), and withdraws billions of gallons of water each day for various uses. Population growth, industrial growth, and changes in agricultural practices have caused concern about the stresses placed on water resources in

Georgia. Consistent and accurate Statewide water-use data are essential for the management of water resources by Federal, State, county, and local government officials.

In 1979, the Georgia Department of Natural Resources (DNR), Environmental Protection Division (EPD), Georgia Geologic Survey (GGS), entered into a cooperative agreement with the U.S. Geological Survey (USGS) to collect, compile, and disseminate information on water use in the State. Water-use data are stored in a central data base, by the USGS, known as the Georgia Water-Use Data System (GWUDS), to provide data needed by water managers, hydrologists, and other scientists involved in managing, protecting, and investigating the water resources of Georgia.

Purpose and Scope

This report presents water-use estimates for Georgia, by county, for 1995. The data are provided in tabular form, and follow the same general format as previous water-use reports by the Georgia Water-Use Program for 1980 (Pierce and Barber, 1982); for 1985 (Turlington and others, 1987); for 1987 (Trent and others, 1990); and for 1990 (Fanning and others, 1992). Water-use estimates also are included for major river basins and principal aquifers in Georgia.

¹U.S. Geological Survey

Data Collection

Water-use data primarily were furnished by EPD, and stored in the GWUDS data base. Other information used to estimate water use was obtained from various Federal, State, and local sources. Sources of data used to estimate water use are listed in table 1. The EPD requires cities, industries, and other water users that withdraw more than 100,000 gallons per day (gal/d) to obtain withdrawal permits and report monthly withdrawals. Withdrawals reported to EPD by permitted users comprise most of the data in this report. Data for instream water use by hydroelectric power plants were furnished by the respective plant managers.

Non-permitted water use is estimated by using various data sources and methods. Irrigation water-use estimates are calculated from data obtained from the University of Georgia, Cooperative Extension Service (CES) biannual irrigation survey (CES, written commun., Tifton, Ga., 1995). Water-use estimates for the domestic and livestock categories are calculated by using census population data and an estimate of per-capita water use.

Statewide ground- and surface-water withdrawals for public-supply, domestic and commercial, industrial and mining, irrigation, livestock, and thermoelectric-power purposes are listed in table 2. Industrial ground-

Table 1. Water-use data sources for Georgia, 1995

Water-use category	Data sources	Type of data
Public supply	permit files, Water Resources Management Program (WRMP), Georgia Environmental Protection Division (EPD)	withdrawals by permitted users
	mail survey of operators of large municipal systems	population served, interconnection of systems
	Ground-Water Program, WRMP, EPD	population served by small public suppliers (subdivisions and mobile home parks)
Domestic	U.S. Bureau of the Census	county and city populations
Commercial	permit files; WRMP; EPD	withdrawals by permitted users
Industrial	permit files; WRMP; EPD	withdrawals by permitted users
Livestock	Georgia Crop Reporting Service, Georgia Department of Agriculture, Cooperative Extension Service, U.S. Bureau of the Census	animal population by county
Irrigation	Cooperative Extension Service, 1995 Irrigation Survey	crop and acreage by county
Thermoelectric power generation	permit files; WRMP; EPD	withdrawals by thermoelectric power plants
Hydroelectric power generation	power companies, plant owners	withdrawals by power plants instream use by hydroelectric facilities

Table 2. Georgia water-use totals, by category, 1995
[Mgal/d, million gallons per day]

GEORGIA

Population: 7,201,010

Population served by public supply: 5,899,530

Acres irrigated: 1,146,750

Hydroelectric use (Mgal/d): 50,932

WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic and Commercial	Industry and Mining	Irrigation	Livestock	Thermoelectric	TOTALS
Ground water	263.30	134.37	303.88	476.43	9.72	4.80	1,192.50
Surface water	889.88	13.18	371.92	243.46	37.78	3,069.53	4,625.75
TOTALS	1,153.18	147.55	675.80	719.89	47.50	3,074.33	5,818.25

and surface-water withdrawals by major Standard Industrial Classification (SIC) groups are listed in table 3. Surface-water withdrawal estimates by major river basin (fig. 1) are listed in table 4; and ground-water withdrawals by principal aquifers in the State (fig. 2) are listed in table 5. Water-use totals, by category, for each county are listed in table 6. Ground- and surface-water withdrawals by major public-supply systems, and industrial water use by SIC code for each county are listed in table 7 (in back of report). Military bases and small public water suppliers (subdivisions, mobile home parks, and small towns) are not listed individually in table 7, but the withdrawal for each is included in the county totals. For additional water-use data, please contact the U.S. Geological Survey, Georgia Water-Use Program, Peachtree Business Center, 3039 Amwiler Road, Suite 130, Atlanta, GA 30360-2824.

Table 3. Industrial water use in Georgia, by major Standard Industrial Classification groups, 1995 [SIC, Standard Industrial Classification code]

SIC	Withdrawals, in million gallons per day	
	Ground water	Surface water
14—Mining	8.69	2.87
20—Food	11.63	4.57
22—Textiles	9.83	30.80
26—Paper	119.45	298.79
28—Chemicals	90.84	29.47
29—Petroleum	0.69	0.00
30—Rubber	1.25	0.00
32—Stone, clay	58.97	5.11
33—Primary metals	0.71	0.14
36—Electrical machinery	0.54	0.00

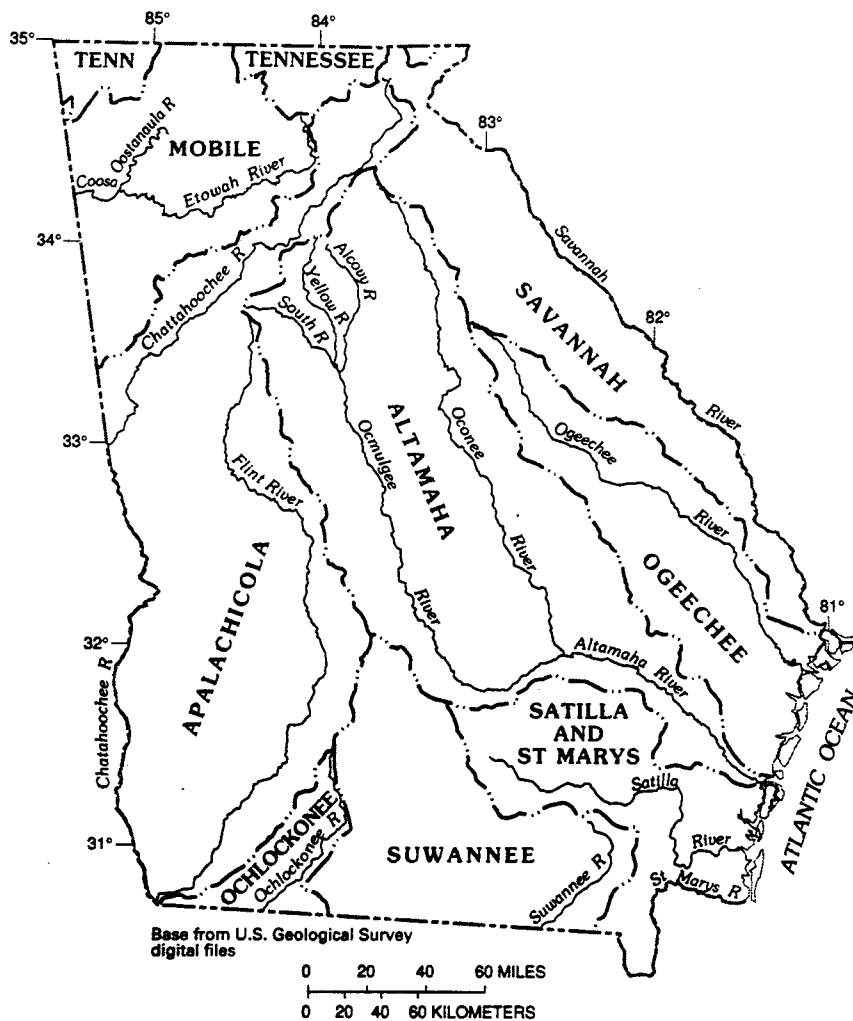


Figure 1. Major river basins in Georgia.

Table 4. Surface-water use by major river basin, for Georgia, 1995

Major river basin	Withdrawals, in million gallons per day						TOTALS
	Public supply	Domestic and commercial	Industrial and mining	Livestock	Irrigation	Thermoelectric	
Savannah and Ogeechee	89.62	2.91	130.02	7.05	25.24	633.83	888.67
Altamaha, Satilla, and St Marys	247.14	1.22	66.49	11.66	56.78	1,185.72	1,569.01
Suwannee	0.00	0.00	0.00	1.52	56.54	0.00	58.06
Ocklockonee	0.00	0.00	1.40	0.58	15.00	0.00	16.98
Apalachicola	427.23	8.14	135.53	11.55	84.99	809.60	1,477.04
Mobile	120.73	0.90	37.91	4.55	3.71	440.38	608.18
Tennessee	5.16	0.01	0.57	0.87	1.20	0.00	7.81
TOTALS	889.88	13.18	371.92	37.78	243.46	3,069.53	4,625.75

Table 5. Ground-water use by principal aquifer, for Georgia, 1995

Aquifer name	Withdrawals, in million gallons per day						TOTALS
	Public supply	Domestic and commercial	Industrial and mining	Livestock	Irrigation	Thermoelectric	
Floridan aquifer system	137.97	53.65	216.88	1.31	287.56	3.93	701.30
Clayton aquifer	10.46	2.90	3.96	0.12	55.45	0.07	72.96
Claiborne aquifer	20.57	7.52	0.46	0.20	72.80	0.78	102.33
Cretaceous aquifer system	49.57	11.97	70.88	1.72	50.92	0.00	185.06
Paleozoic-rock aquifer	26.41	5.92	8.63	0.09	1.12	0.00	42.17
Crystalline-rock aquifers	18.31	52.41	3.07	6.28	8.58	0.02	88.67
TOTALS	263.30	134.37	303.88	9.72	476.43	4.80	1,192.50

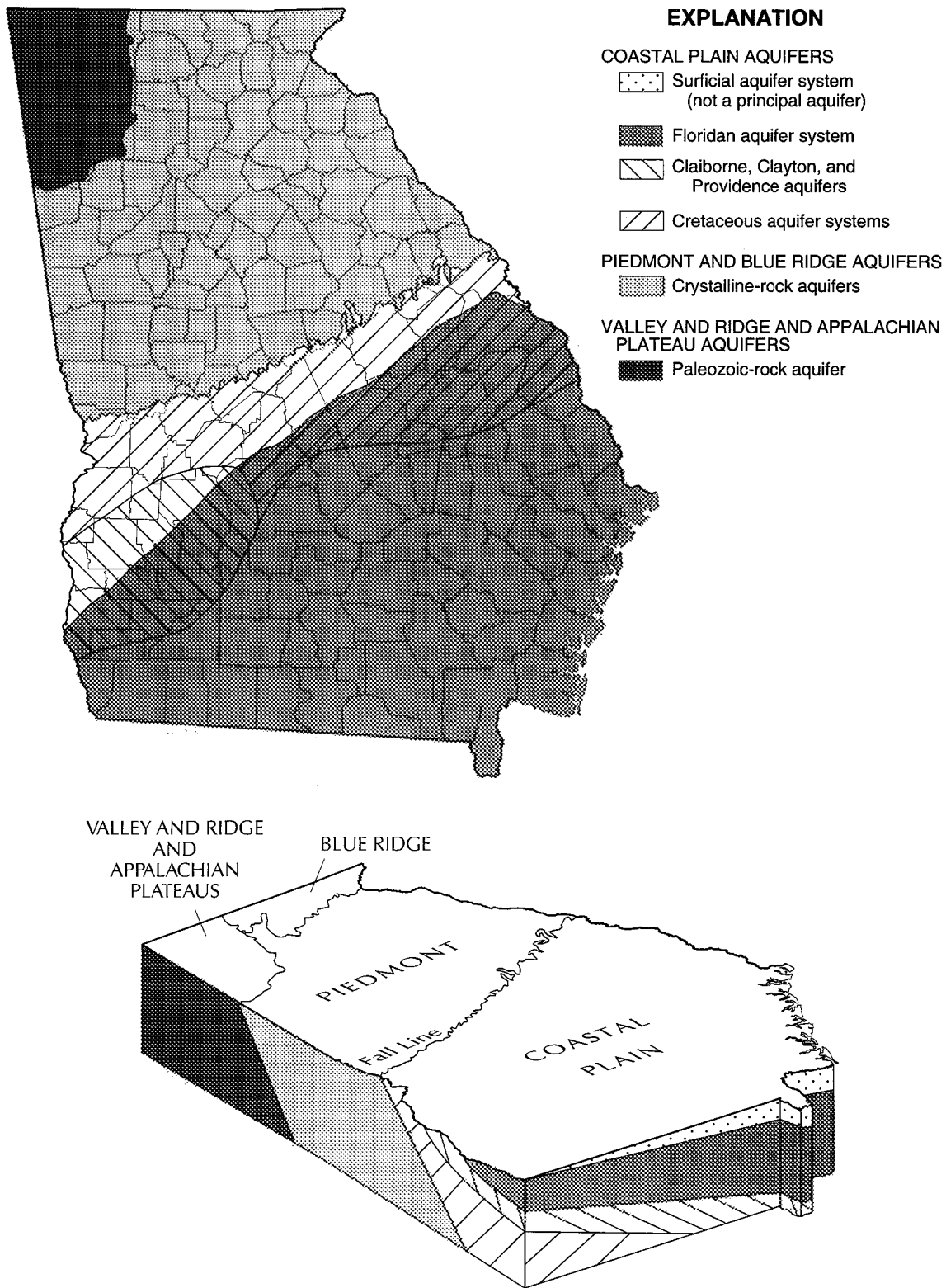


Figure 2. Areas of utilization of major aquifers and block diagram showing major aquifers and physiographic provinces in Georgia (modified from U.S. Geological Survey, 1996).

Table 6. Water use in Georgia by county, 1995

County	Withdrawals, in million gallons per day						TOTALS
	Public supply	Domestic and commercial	Industrial and mining	Irrigation	Livestock	Thermoelectric	
Appling	0.87	0.74	0.00	1.58	0.24	59.46	62.89
Atkinson	0.31	0.19	0.00	2.26	0.26	0.00	3.02
Bacon	0.68	0.48	0.26	1.47	0.10	0.00	2.99
Baker	0.25	0.23	0.00	23.44	0.15	0.00	24.07
Baldwin	4.50	1.19	1.10	0.29	0.08	0.00	7.16
Banks	0.05	0.94	0.00	0.09	1.20	0.00	2.28
Barrow	3.41	1.18	0.00	0.52	0.57	0.00	5.68
Bartow	13.47	0.83	4.66	0.34	0.29	38.38	57.97
Ben Hill	3.51	0.54	0.00	13.16	0.09	0.00	17.30
Berrien	0.85	0.56	0.12	11.23	0.14	0.00	12.90
Bibb	32.06	0.12	15.90	0.44	0.20	58.25	106.97
Bleckley	0.09	0.49	0.00	8.44	0.08	0.00	9.10
Brantley	0.46	0.75	0.97	0.18	0.12	0.00	2.48
Brooks	1.15	0.68	0.00	4.23	0.28	0.00	6.34
Bryan	0.93	0.83	0.00	0.21	0.01	0.00	1.98
Bulloch	5.22	1.62	0.93	9.21	0.26	0.00	17.24
Burke	1.85	0.88	0.00	8.95	0.19	63.61	75.48
Butts	5.15	0.33	0.00	0.08	0.04	0.00	5.60
Calhoun	0.87	0.01	0.00	17.88	0.06	0.00	18.82
Camden	2.81	4.04	37.91	3.17	0.01	0.00	47.94
Candler	0.59	0.35	0.00	2.10	0.12	0.00	3.16
Carroll	10.33	2.16	0.00	0.58	0.62	0.00	13.69
Catoosa	7.67	1.67	0.00	1.11	0.23	0.00	10.68
Charlton	0.70	0.55	0.36	0.08	0.07	0.00	1.76
Chatham	77.00	4.29	75.31	4.56	0.04	444.60	605.80
Chattahoochee	7.12	6.63	0.00	0.04	0.01	0.00	13.80
Chattooga	4.14	0.52	0.00	0.04	0.16	0.00	4.86
Cherokee	11.70	1.16	0.60	0.03	0.40	0.00	13.89
Clarke	16.72	1.03	0.00	0.22	0.13	0.00	18.10
Clay	0.24	0.15	0.00	5.12	0.05	0.00	5.56
Clayton	23.74	1.28	0.00	0.55	0.04	0.00	25.61
Clinch	0.48	0.22	0.00	0.57	0.02	0.00	1.29
Cobb	79.88	0.80	1.50	1.84	0.05	356.03	440.10
Coffee	5.04	1.10	0.00	6.24	0.79	0.00	13.17
Colquitt	3.43	1.28	1.16	33.49	0.43	0.00	39.79
Columbia	10.10	1.24	0.14	0.33	0.07	0.00	11.88
Cook	1.88	0.52	0.00	9.44	0.08	0.00	11.92
Coweta	4.79	2.99	0.00	0.42	0.09	344.25	352.54
Crawford	0.21	0.84	0.00	2.94	1.89	0.00	5.88
Crisp	1.39	4.66	0.00	12.84	0.13	0.00	19.02
Dade	1.52	0.00	0.00	0.10	0.12	0.00	1.74
Dawson	0.61	0.57	0.00	0.00	0.30	0.00	1.48
Decatur	2.65	1.40	2.20	58.35	0.19	0.00	64.79
DeKalb	81.24	2.53	0.00	1.97	0.05	0.00	85.79
Dodge	1.36	0.69	0.00	5.25	0.17	0.00	7.47
Dooly	1.86	0.70	0.00	10.07	0.12	0.00	12.75
Dougherty	19.64	0.71	7.53	11.77	0.06	94.34	134.05
Douglas	7.05	0.14	0.00	0.33	0.04	0.00	7.56
Early	0.47	0.44	108.54	32.40	0.15	0.00	142.00
Echols	0.06	0.14	0.00	2.63	0.02	0.00	2.85
Effingham	2.14	1.50	11.46	0.20	0.07	130.13	145.50
Elbert	1.71	0.62	0.00	0.30	0.17	0.00	2.80
Emanuel	1.70	0.58	1.50	1.67	0.17	0.00	5.62
Evans	0.57	0.03	1.50	1.07	0.11	0.00	3.28
Fannin	1.13	0.57	0.00	0.15	0.09	0.00	1.94

Table 6. Water use in Georgia by county, 1995—Continued

County	Withdrawals, in million gallons per day						TOTALS
	Public supply	Domestic and commercial	Industrial and mining	Irrigation	Livestock	Thermoelectric	
Fayette	8.80	1.85	0.00	3.21	0.05	0.00	13.91
Floyd	14.10	0.42	34.01	1.44	0.29	402.00	452.26
Forsyth	10.07	2.83	0.00	0.24	0.60	0.00	13.74
Franklin	1.87	0.83	0.00	0.04	1.07	0.00	3.81
Fulton	223.78	1.64	0.46	0.00	0.08	0.00	225.96
Gilmer	2.25	0.39	0.00	0.05	0.56	0.00	3.25
Glascocok	0.13	0.11	0.02	0.08	0.05	0.00	0.39
Glynn	12.29	5.56	73.73	0.00	0.02	32.59	124.19
Gordon	12.65	0.84	3.44	0.35	0.81	0.00	18.09
Grady	2.73	0.81	0.00	8.25	0.29	0.00	12.08
Greene	1.17	0.33	0.26	3.17	0.18	0.00	5.11
Gwinnett	71.30	0.08	0.00	0.31	0.12	0.00	71.81
Habersham	6.43	2.56	0.05	0.14	0.94	0.00	10.12
Hall	14.26	2.52	0.88	1.08	1.06	0.00	19.80
Hancock	0.58	0.38	0.01	0.07	0.05	0.00	1.09
Haralson	1.91	0.02	0.00	0.00	0.21	0.00	2.14
Harris	1.19	0.96	7.69	0.41	0.06	0.00	10.31
Hart	1.42	1.14	0.00	1.13	0.50	0.00	4.19
Heard	0.37	0.42	0.00	0.08	0.18	0.05	1.10
Henry	6.66	0.19	0.00	0.16	0.12	0.00	7.13
Houston	15.08	4.58	0.02	9.33	0.13	0.00	29.14
Irwin	0.77	0.36	0.01	8.52	0.15	0.00	9.81
Jackson	2.71	1.88	0.57	0.17	1.04	0.00	6.37
Jasper	0.55	0.37	0.56	0.00	0.26	0.00	1.74
Jeff Davis	0.83	0.46	0.42	3.21	0.12	0.00	5.04
Jefferson	1.89	0.70	6.85	5.87	0.15	0.00	15.46
Jenkins	0.52	0.35	0.01	4.46	0.15	0.00	5.49
Johnson	0.26	0.42	0.00	2.32	0.11	0.00	3.11
Jones	1.29	0.79	0.17	0.05	0.10	0.00	2.40
Lamar	2.15	0.57	0.00	0.71	1.23	0.00	4.66
Lanier	0.55	0.27	0.00	2.47	0.03	0.00	3.32
Laurens	4.67	1.36	19.83	6.80	0.22	0.00	32.88
Lee	0.78	0.95	0.00	24.33	0.14	0.00	26.20
Liberty	6.01	3.30	8.15	0.00	0.01	0.00	17.47
Lincoln	0.59	0.39	0.10	0.02	0.06	0.00	1.16
Long	0.28	0.30	0.00	0.18	0.04	0.00	0.80
Lowndes	9.13	4.09	12.20	2.55	0.12	0.00	28.09
Lumpkin	0.09	1.06	1.23	0.25	0.48	0.00	3.11
McDuffie	1.33	0.88	0.01	1.44	0.08	0.00	3.74
McIntosh	0.76	0.65	0.00	0.00	0.01	0.00	1.42
Macon	0.89	0.39	11.92	10.06	0.35	0.00	23.61
Madison	0.35	1.50	0.00	0.26	0.98	0.00	3.09
Marion	1.76	0.30	0.00	0.96	0.20	0.00	3.22
Meriwether	2.10	1.08	0.10	0.63	1.76	0.00	5.67
Miller	0.30	0.28	0.00	28.04	0.17	0.00	28.79
Mitchell	2.57	0.67	0.00	28.79	0.44	0.00	32.47
Monroe	1.41	1.28	0.00	0.16	4.40	27.54	34.79
Montgomery	0.47	0.28	0.00	3.61	0.07	0.00	4.43
Morgan	1.14	0.72	0.00	0.65	0.40	0.00	2.91
Murray	1.80	1.48	0.00	0.65	0.19	0.00	4.12
Muscogee	38.95	0.01	0.15	0.34	0.02	0.00	39.47
Newton	2.71	1.04	0.11	0.13	0.15	0.00	4.14
Oconee	1.35	0.56	0.00	0.58	0.57	0.00	3.06
Oglethorpe	0.30	0.63	0.00	0.23	0.51	0.00	1.67
Paulding	2.83	0.23	0.00	0.35	0.10	0.00	3.51

Table 6. Water use in Georgia by county, 1995—Continued

County	Withdrawals, in million gallons per day						TOTALS
	Public supply	Domestic and commercial	Industrial and mining	Irrigation	Livestock	Thermoelectric	
Peach	2.40	0.74	0.00	3.58	0.05	0.00	6.77
Pickens	1.38	0.83	0.00	0.45	0.28	0.00	2.94
Pierce	0.48	0.78	0.00	4.42	0.11	0.00	5.79
Pike	0.50	0.67	0.00	1.63	0.34	0.00	3.14
Polk	7.99	0.12	2.34	0.02	0.16	0.00	10.63
Pulaski	1.16	0.17	0.00	10.81	0.06	0.00	12.20
Putnam	1.19	0.64	0.01	0.35	0.20	1,008.10	1,010.49
Quitman	0.17	0.07	0.00	1.64	0.01	0.00	1.89
Rabun	1.46	0.65	1.88	0.00	0.10	0.00	4.09
Randolph	0.91	0.24	0.20	9.18	0.09	0.00	10.62
Richmond	37.60	3.29	79.89	6.50	0.06	0.00	127.34
Rockdale	1.87	0.06	0.00	0.30	0.03	0.00	2.26
Schley	0.26	0.12	0.00	1.39	0.07	0.00	1.84
Screven	0.87	0.72	1.69	4.60	0.19	0.00	8.07
Seminole	0.76	0.60	0.00	22.28	0.10	0.00	23.74
Spalding	8.39	1.23	0.00	0.45	0.07	0.00	10.14
Stephens	2.28	0.27	0.00	0.24	0.33	0.00	3.12
Stewart	1.07	0.16	0.00	2.20	0.07	0.00	3.50
Sumter	3.72	0.86	0.00	23.58	0.27	0.00	28.43
Talbot	0.20	0.33	0.00	0.01	2.33	0.00	2.87
Taliaferro	0.06	0.12	0.00	0.00	0.06	0.00	0.24
Tattnall	1.13	1.78	0.00	14.85	0.62	0.00	18.38
Taylor	0.83	0.26	0.00	0.78	0.23	0.00	2.10
Telfair	1.86	0.25	0.05	8.15	0.10	0.00	10.41
Terrell	1.33	0.27	0.00	19.12	0.04	0.00	20.76
Thomas	5.88	0.72	0.57	5.33	0.17	0.00	12.67
Tift	6.11	0.78	0.00	27.46	0.19	0.00	34.54
Toombs	2.18	0.50	0.00	4.20	0.12	0.00	7.00
Towns	1.65	0.14	0.00	0.20	0.04	0.00	2.03
Treutlen	0.65	0.43	0.00	0.55	0.04	0.00	1.67
Troup	11.00	1.14	1.05	0.02	0.10	0.00	13.31
Turner	1.85	0.23	1.08	15.79	0.16	0.00	19.11
Twiggs	0.26	0.60	21.54	0.84	0.03	0.00	23.27
Union	0.83	0.39	0.00	0.02	0.13	0.00	1.37
Upson	2.94	0.62	3.17	0.20	4.20	0.00	11.13
Walker	7.91	0.44	2.07	0.12	0.34	0.00	10.88
Walton	3.57	1.23	0.00	0.77	0.20	0.00	5.77
Ware	3.38	1.29	0.15	0.99	0.11	0.00	5.92
Warren	0.53	0.22	1.50	2.69	0.10	0.00	5.04
Washington	2.07	0.75	17.64	3.82	0.14	0.00	24.42
Wayne	1.79	0.99	61.90	1.24	0.06	0.00	65.98
Webster	0.10	0.09	0.00	5.12	0.05	0.00	5.36
Wheeler	0.27	0.20	0.00	2.61	0.06	0.00	3.14
White	2.83	0.91	1.64	0.06	0.47	0.00	5.91
Whitfield	38.15	0.12	0.00	0.36	0.29	0.00	38.92
Wilcox	0.62	0.219	0.00	14.26	0.18	0.00	15.27
Wilkes	2.41	0.41	0.00	0.99	0.31	0.00	4.12
Wilkinson	2.40	0.19	20.82	0.00	0.03	0.00	23.44
Worth	1.45	0.97	0.00	11.42	0.21	15.00	29.05
Totals	1,153.18	147.55	675.80	719.89	47.50	3,074.33	5,818.25

WATER USE

During 1995, an estimated 5,800 million gallons of water per day (Mgal/d) were withdrawn for offstream uses throughout Georgia (fig. 3). Offstream use is water withdrawn or diverted from a ground- or surface-water source, and transported to the place of use. Categories of offstream water use include public supply, domestic, commercial, industrial, mining, irrigation, livestock, and thermoelectric power. Surface-water withdrawals accounted for 80 percent of total withdrawals, of which 70 percent was used for thermoelectric power generation. Ground-water withdrawals were largest for irrigation and industrial uses (table 2). Most of the high-use counties, where withdrawals were 60 million gallons per day (Mgal/d) or greater, are counties which contain thermoelectric plants. DeKalb and Fulton Counties are exceptions, where large amounts of water are withdrawn for public supply; and Glynn, Early, and Wayne Counties, where water is withdrawn for industrial supply.

Instream use is water use that occurs within the stream channel for such purposes as hydroelectric power generation, navigation, water-quality improvement, fish propagation, and recreation (Solley and others, 1992). Hydroelectric power generation is the only instream use compiled for this report. An estimated 51,000 Mgal/d was used instream to generate hydroelectric power during 1995.

Public Supply

The public-supply category includes water that is withdrawn by public and private water suppliers and delivered to various users. Small communities and subdivisions that furnish water to at least 25 people, or that have a minimum of 15 hookups or water connections, are considered public-supply systems. Public suppliers provide water for a variety of purposes, such as domestic, commercial, and industrial uses.

The EPD, Water Resources Management Program, provides data on the total amount of water withdrawn from ground- and surface-water sources, and these data are included in the GWUDS data base. A 1995 survey conducted by the Georgia Water-Use Program, of the 84 largest public-water suppliers, provided data on the population served and the number of connections. The public suppliers surveyed in 1995 accounted for 85 percent of the total public-supply withdrawal in the State. Additional information was obtained from a survey of all public suppliers in Georgia, conducted in 1987 (Trent and others, 1990).

Total public-supply water withdrawal was estimated to be 1,150 Mgal/d in 1995. Surface-water withdrawal accounted for about 77 percent, and ground water accounted for about 23 percent. The largest public suppliers are in northern Georgia, where population is greatest.

Domestic and Commercial

Domestic use is defined as water used for household purposes, such as drinking, food preparation, bathing, washing clothes and dishes, flushing toilets, washing cars, and watering lawns and gardens. Most domestic water is supplied by public suppliers; however, some households, generally in rural areas, are supplied by individual water systems such as wells. The number of self-supplied domestic water users was estimated by subtracting estimates of the number of persons served by public-supply systems from the total population, by county (U.S. Bureau of the Census, 1995). An unpublished 1983 survey of subdivisions in the Athens area, conducted by the GWUP, indicated that on the average each person used 75 gallons of water per day (gal/d). This estimate was used along with the self-supplied population to obtain the self-supplied domestic water use in 1995 of about 100 Mgal/d Statewide. Self-supplied households in Georgia are assumed to use ground water only (from wells and springs).

Commercial users include restaurants, hotels, retail stores, and other businesses; government and military facilities; prisons, schools, hospitals, and other institutions; and recreational facilities. Because only a few commercial users withdraw enough water to require permits from EPD, the reporting of actual commercial use is limited. These data were compiled, combined with estimates for smaller users, and commercial use was estimated to be 49 Mgal/d in 1995.

Industrial and Mining

Industrial water use includes water for such purposes as fabrications, processing, washing, and cooling in facilities that manufacture products. The largest industrial water users in Georgia are pulp and paper mills that are concentrated along the coast. The textile industries (concentrated in northwestern Georgia), chemical manufacturers, and the mining and mineral industries are other major industrial users in the State.

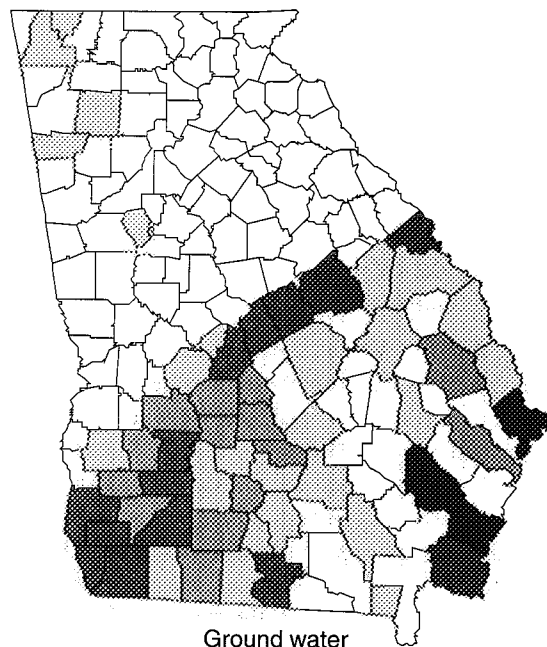
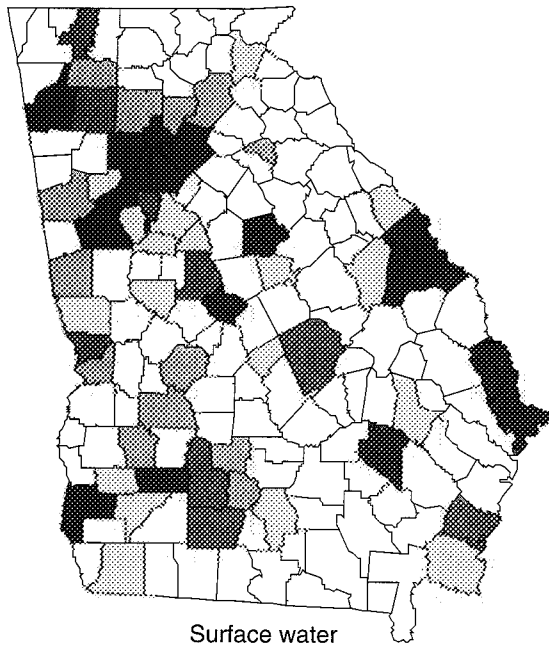
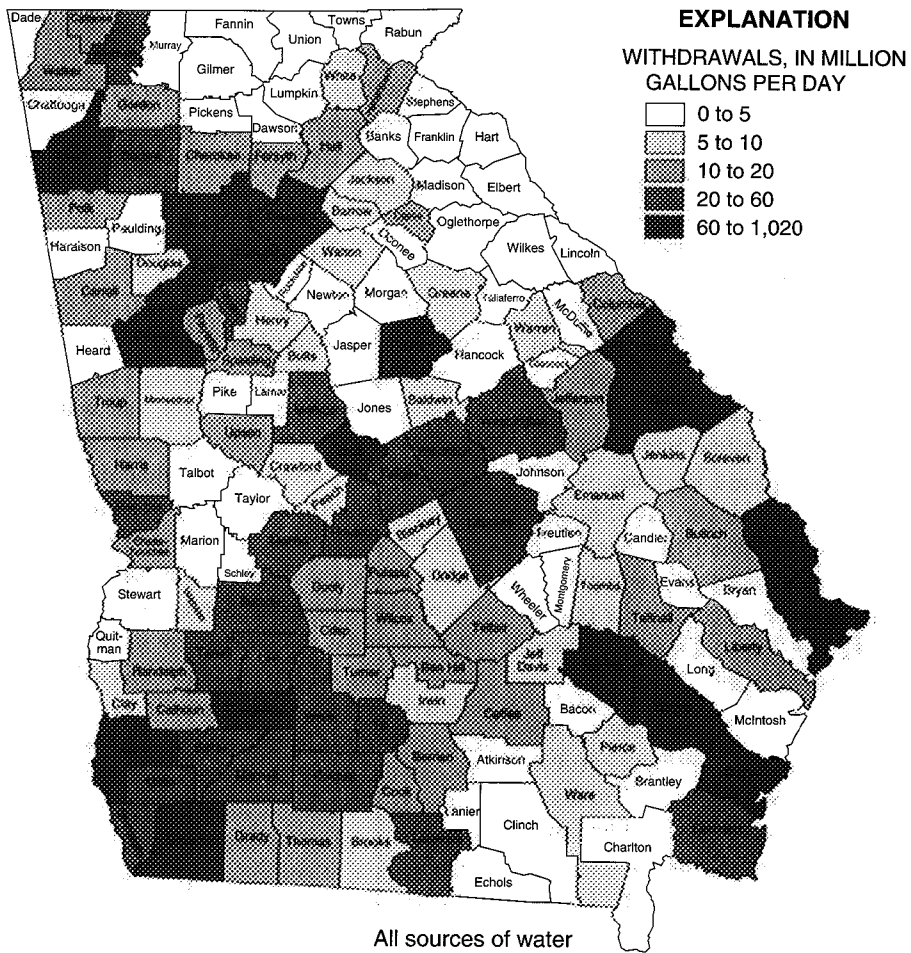


Figure 3. Water withdrawals in Georgia, by county, 1995.

Self-supplied industries in Georgia withdrew approximately 664 Mgal/d of water in 1995, a decrease from the 771 Mgal/d withdrawn in 1990. As reported in previous years, nearly all industrial water-use information was compiled from withdrawals reported to EPD for 1995.

Mining water use is defined as water used for the extraction of minerals that occur naturally. Granite, clay, marble, and other materials are mined extensively in the State, but the mining operations do not require large quantities of water. The mining withdrawal data were obtained from the EPD permit files, reports by mining companies, and estimates based on average water requirements for each ton mined. Mining withdrawals in the State are for dewatering only, and were estimated to have been nearly 12 Mgal/d in 1995.

Irrigation

Water withdrawn for crops, large nurseries, athletic fields, and golf courses is included in the irrigation category. Estimates of irrigation use are based on a 1995 irrigation survey conducted by the University of Georgia, Cooperative Extension Service (CES, written commun., Tifton, Ga., 1995). The survey of county agents, includes data on crop acreage and application rates by crop for each county. The irrigation survey also estimated percentages of ground- and surface-water use. The survey showed significant changes in acreage and water use for some counties, but these changes are attributed to more detailed data collection by county agents.

The 1995 estimate of 720 Mgal/d represents an increase of 39 percent in water withdrawals since 1990, and a 7 percent decrease in acreage. Irrigation use during 1995 accounted for more than half of withdrawals in the State, excluding thermoelectric which is largely used and returned. Most irrigation occurs in the Coastal Plain physiographic province, and is especially prevalent in the southwestern part of the State where irrigation comprises more than 95 percent of the total water use in some counties.

Livestock

Livestock water use is the water withdrawn for poultry, horses, cattle, hogs, and catfish farms. Estimates of water withdrawal for livestock use were compiled by animal type (cattle, hogs, horses, and

several kinds of poultry), and by pond acreage for catfish farming. Water-use estimates for animal type were calculated by multiplying animal populations in each county by the average water requirement for each animal (cattle, 8 gal/d; hogs, 2.5 gal/d; horses, 15 gal/d; and poultry, 0.06 to 0.22 gal/d). Water use for catfish farming was calculated by multiplying the pond acreage in each county by 2.68 feet per acre. The 1995 estimates for horses and catfish farms were determined using data obtained from surveys conducted in 1970 (Pullin, 1970) and 1984 (Lewis, 1984). The proportions of ground- and surface-water withdrawals were calculated for each livestock type based on the physiographic province where the county is located. Livestock water use was estimated to be 48 Mgal/d in 1995.

Thermoelectric Power Generation

Thermoelectric-power water use is water withdrawn for use at thermoelectric power plants. Most water is used for cooling purposes. The thermoelectric power category includes withdrawals by all self-supplied fossil fuel and nuclear facilities. Information concerning these water withdrawals was obtained directly from plant operators. The GWUDS data base includes 17 thermoelectric plants that operate on fossil fuels, such as oil, coal, or natural gas; and two nuclear-powered plants. The EPD Water Resources Management Program collects data on the amounts of water treated for potable use and boiler make-up. Withdrawals were estimated at 3,074 Mgal/d for thermoelectric-power generation in 1995. The amount of water consumed and not returned to the source ranges from less than 1 percent to about 100 percent for some thermoelectric plants.

Hydroelectric Power Generation

Hydroelectric-power water use is water used instream for the generation of electricity. A survey of hydroelectric plant owners, conducted by the GWUP, provided the number of gallons used by each plant to generate on megawatt-hour of electricity. Then, monthly power generation was used to estimate the amount of monthly water-use. Power generation is the largest water-use category in the State. During 1995, instream hydroelectric-power generation was estimated at 51,000 Mgal/d (table 2).

SUMMARY

Water-use data in Georgia for 1995 were compiled by the Georgia Water-Use Program, a cooperative effort between the U.S. Geological Survey and the Georgia Geologic Survey. The data were compiled by county, major river basins, and principal aquifers. The categories of water use included in this report are public supply, domestic and commercial, industrial and mining, irrigation, livestock, and thermoelectric and hydroelectric power generation.

In 1995, total offstream water use from ground- and surface-water sources was estimated at 5,800 million gallons per day (Mgal/d); 20 percent of which was ground water, and 80 percent of which was surface water. An estimated 51,000 Mgal/d was used instream to generate hydroelectric power. Thermoelectric power is the largest category of water use in the State. Excluding the thermoelectric power category, withdrawals for public supply were the largest, followed by irrigation, livestock, industrial and mining, and domestic and commercial.

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APPENDIX

Standard Industrial Classification (SIC) Codes

Industrial water use is given by industry type, classified by Standard Industrial Classification (SIC) Code. A brief description of the codes used in this publication is given below.

14—MINING AND QUARRYING OF NONMETALLIC MINERALS, EXCEPT FUELS

This major group includes establishments engaged in mining or quarrying, developing mines, or exploring for nonmetallic minerals, except fuels. Also included are certain well and brine operations, and primary preparation plants, such as those engaged in crushing, grinding, washing, or other concentration.

20—FOOD AND KINDRED PRODUCTS

This major group includes establishments manufacturing or processing foods and beverages for human consumption, and certain related products, such as manufactured ice, chewing gum, vegetable and animal fats and oils, and prepared feeds for animals and fowls.

22—TEXTILE MILL PRODUCTS

This major group includes establishments engaged in performing any of the following operations: (1) preparation of fiber and subsequent manufacturing of yarn, thread, braids, twine, and cordage; (2) manufacturing broad woven fabric, narrow woven fabric, knit fabric and carpets and rugs from yarn; (3) dyeing and finishing fiber, yarn, fabric, and knit apparel; (4) coating, waterproofing, or otherwise treating fabric; (5) the integrated manufacture of knit apparel and other finished articles from yarn; and (6) the manufacture of felt goods, lace goods, nonwoven fabrics and miscellaneous textiles.

23—APPAREL AND OTHER FINISHED PRODUCTS MADE FROM FABRICS AND SIMILAR MATERIALS

This major group, known as the cutting-up and needle trades, includes establishments producing clothing and fabricating products by cutting and sewing purchased woven or knit textile fabrics and related materials such as leather, rubberized fabrics, plastics, and furs.

24—LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE

This major group includes logging camps engaged in cutting timber and pulpwood; merchant sawmills, lathe mills, shingle mills, cooperage stock mills, planing mills, and pulpwood mills and veneer mills engaged in producing lumber and wood basic materials; and establishments engaged in manufacturing finished articles made entirely or mainly of wood or wood substitutes.

26—PAPER AND ALLIED PRODUCTS

This major group includes the manufacture of pulps from wood and other cellulose fibers, and from rags; the manufacture of paper and paperboard; and the manufacture of paper and paperboard into converted products such as paper coated off the paper machine, paper bags, paper boxes, and envelopes.

28—CHEMICALS AND ALLIED PRODUCTS

This major group includes establishments producing basic chemicals, and establishments manufacturing products by predominantly chemical processes. Establishments classified in this major group manufacture three general classes of products: (1) basic chemicals such as acids, alkalies, salts, and organic chemicals; (2) chemical products to be used in further manufacture such as synthetic fibers, plastics materials, dry colors, and pigments; and (3) finished chemical products to be used for ultimate consumption such as drugs, cosmetics, and soaps, or to be used as materials or supplies in other industries such as paints, fertilizers, and explosives.

29—PETROLEUM REFINING AND RELATED INDUSTRIES

This major group includes establishments primarily engaged in petroleum refining, manufacturing paving and roofing materials, and compounding lubricating oils and greases from purchased materials.

30—RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS

This major group includes establishments manufacturing from natural, synthetic, or reclaimed rubber, gutta percha, balata, or gutta siak, rubber products such as tires, rubber footwear, mechanical rubber goods, heels and soles, flooring, and rubber sundries.

32—STONE, CLAY, GLASS, AND CONCRETE PRODUCTS

This major group includes establishments engaged in manufacturing flat glass and other glass products, cement, structural clay products, pottery, concrete and gypsum products, cut stone, abrasive and asbestos products, etc., from materials taken principally from the earth in the form of stone, clay, and sand.

33—PRIMARY METAL INDUSTRIES

This major group includes establishments engaged in the smelting and refining of ferrous and nonferrous metals from ore, pig, or scrap; in the rolling, drawing, and alloying of ferrous and non-ferrous metals; in the manufacture of castings and other basic products of ferrous and nonferrous metals; and in the manufacture of nails, spikes, and insulated wire and cable.

34—FABRICATED METAL PRODUCTS, EXCEPT MACHINERY AND TRANSPORTATION EQUIPMENT

This major group includes establishments engaged in fabricating ferrous and nonferrous metal products such as metal cans, tinware, hand tools, cutlery, general hardware, nonelectric heating apparatus, fabricated structural metal products, metal forging, metal stamping, ordnance (except vehicles and guided missiles), and a variety of metal and wire products not elsewhere classified.

35—MACHINERY, EXCEPT ELECTRICAL

This major group includes establishments engaged in manufacturing machinery and equipment, other than electrical equipment (Major Group 36) and transportation equipment (Major Group 37).

36—ELECTRICAL AND ELECTRONIC MACHINERY, EQUIPMENT, AND SUPPLIES

This major group includes establishments engaged in manufacturing machinery, apparatus, and supplies for the generation, storage, transmission, transformation, and utilization of electrical energy.

Table 7. Ground- and surface-water use, by county, 1990
[GW, ground water; SW, surface water; SIC, Standard Industrial Classification]

The following tables show ground- and surface-water withdrawals by water-use category. Also listed are:

- major public suppliers
- major industrial groups
- population served by public supply
- acres irrigated

APPLING COUNTY

Population: 16,360

Population served by public supply: 6,600

Acres irrigated: 3,710

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.87	0.74	0.00	0.73	0.01	0.17	2.52
Surface Water	0.00	0.00	0.00	0.85	0.23	59.29	60.37
TOTALS	0.87	0.74	0.00	1.58	0.24	59.46	62.89

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City of Baxley	0.80	0.00
Town of Surrency	0.04	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
None		

ATKINSON COUNTY

Population: 6,750

Population served by public supply: 4,170

Acres irrigated: 3,000

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.31	0.19	0.00	1.24	0.01	0.00	1.75
Surface Water	0.00	0.00	0.00	1.02	0.25	0.00	1.27
TOTALS	0.31	0.19	0.00	2.26	0.26	0.00	3.02

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City of Pearson	0.23	0.00
Town of Willacochee	0.08	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
None		

BACON COUNTY

Population: 10,440

Population served by public supply: 4,000

Acres irrigated: 2,860

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY

	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.68	0.48	0.26	1.23	0.01	0.00	2.66
Surface Water	0.00	0.00	0.00	0.24	0.09	0.00	0.33
TOTALS	0.68	0.48	0.26	1.47	0.10	0.00	2.99

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City of Alma	0.67	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
22 Textiles	0.26	0.00

BAKER COUNTY

Population: 3,770

Population served by public supply: 750

Acres irrigated: 42,210

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY

	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.25	0.23	0.00	18.38	0.09	0.00	18.95
Surface Water	0.00	0.00	0.00	5.06	0.06	0.00	5.12
TOTALS	0.25	0.23	0.00	23.44	0.15	0.00	24.07

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City of Newton	0.25	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
None		

BALDWIN COUNTY

Population: 41,850

Population served by public supply: 41,540

Acres irrigated: 130

Hydroelectric use (Mgal/d): 1,689



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.03	0.02	0.00	0.00	0.00	0.00	0.05
Surface Water	4.47	1.17	1.10	0.29	0.08	0.00	7.11
TOTALS	4.50	1.19	1.10	0.29	0.08	0.00	7.16

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City of Milledgeville	0.00	4.47

Withdrawals by Major Industrial Groups (Mgal/d)

	SIC	GW	SW
22 Textiles		0.00	1.10

BANKS COUNTY

Population: 11,620

Population served by public supply: 2,300

Acres irrigated: 100

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.05	0.70	0.00	0.06	0.00	0.00	0.81
Surface Water	0.00	0.24	0.00	0.03	1.20	0.00	1.47
TOTALS	0.05	0.94	0.00	0.09	1.20	0.00	2.28

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
Town of Homer	0.04	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

	SIC	GW	SW
None			

BARROW COUNTY

Population: 35,700
 Population served by public supply: 20,000
 Acres irrigated: 200
 Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.09	1.18	0.00	0.00	0.00	0.00	1.27
Surface Water	3.32	0.00	0.00	0.52	0.57	0.00	4.41
TOTALS	3.41	1.18	0.00	0.52	0.57	0.00	5.68

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
Town of Auburn	0.06	0.00
City of Statham	0.00	0.04
City of Winder	0.00	3.28

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
None		

BARTOW COUNTY

Population: 63,730
 Population served by public supply: 54,190
 Acres irrigated: 480
 Hydroelectric use (Mgal/d): 1,073



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	5.17	0.83	2.03	0.00	0.01	0.00	8.04
Surface Water	8.30	0.00	2.63	0.34	0.28	38.38	49.93
TOTALS	13.47	0.83	4.66	0.34	0.29	38.38	57.97

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City of Adairsville	4.10	0.00
Bartow County Water System	0.00	0.18
City of Cartersville	0.00	7.62
City of Emerson	0.00	0.50
City of Kingston	0.92	0.00
Town of White	0.09	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
20 Food	0.15	0.00
22 Textiles	0.19	0.00
26 Paper	0.29	0.00
28 Chemicals	1.38	2.49
32 Stone, clay	0.02	0.00
33 Primary metals	0.00	0.14

BEN HILL COUNTY

Population: 17,260

Population served by public supply: 10,130

Acres irrigated: 8,020

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	3.51	0.54	0.00	8.65	0.02	0.00	12.72
Surface Water	0.00	0.00	0.00	4.51	0.07	0.00	4.58
TOTALS	3.51	0.54	0.00	13.16	0.09	0.00	17.30

Withdrawals by Major Public Suppliers (Mgal/d)

Withdrawals by Major Industrial Groups (Mgal/d)

	GW	SW	SIC	GW	SW
Fitzgerald Water/Light	3.50	0.00	None		

BERRIEN COUNTY

Population: 15,470

Population served by public supply: 8,200

Acres irrigated: 26,800

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.85	0.56	0.12	5.87	0.03	0.00	7.43
Surface Water	0.00	0.00	0.00	5.36	0.11	0.00	5.47
TOTALS	0.85	0.56	0.12	11.23	0.14	0.00	12.90

Withdrawals by Major Public Suppliers (Mgal/d)

Withdrawals by Major Industrial Groups (Mgal/d)

	GW	SW	SIC	GW	SW
Town of Alapaha	0.02	0.00	22 Textiles	0.12	0.00
Town of Enigma	0.03	0.00			
City of Nashville	0.75	0.00			
City of Ray City	0.05	0.00			

BIBB COUNTY

Population: 155,070

Population served by public supply: 153,570

Acres irrigated: 210

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY

	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.58	0.12	2.45	0.31	0.08	0.00	3.54
Surface Water	31.48	0.00	13.45	0.13	0.12	58.25	103.43
TOTALS	32.06	0.12	15.90	0.44	0.20	58.25	106.97

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
Macon-Bibb Cty Water & Sewer	0.00	31.48

Withdrawals by Major Industrial Groups (Mgal/d)

	SIC	GW	SW
20 Food		0.29	0.00
22 Textiles		0.00	1.93
26 Paper		1.02	11.52
32 Stone, clay		1.14	0.00

BLECKLEY COUNTY

Population: 10,960

Population served by public supply: 5,350

Acres irrigated: 10,600

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY

	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.09	0.49	0.00	2.29	0.01	0.00	2.88
Surface Water	0.00	0.00	0.00	6.15	0.07	0.00	6.22
TOTALS	0.09	0.49	0.00	8.44	0.08	0.00	9.10

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City of Cochran	0.08	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

	SIC	GW	SW
	None		

BRANTLEY COUNTY

Population: 12,700

Population served by public supply: 2,840

Acres irrigated: 640

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.46	0.75	0.97	0.07	0.01	0.00	2.26
Surface Water	0.00	0.00	0.00	0.11	0.11	0.00	0.22
TOTALS	0.46	0.75	0.97	0.18	0.12	0.00	2.48

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City of Hoboken	0.21	0.00
City of Nahunta	0.15	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

	GW	SW
14 Mining	0.97	0.00

BROOKS COUNTY

Population: 15,840

Population served by public supply: 7,210

Acres irrigated: 20,500

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	1.15	0.68	0.00	3.49	0.04	0.00	5.36
Surface Water	0.00	0.00	0.00	0.74	0.24	0.00	0.98
TOTALS	1.15	0.68	0.00	4.23	0.28	0.00	6.34

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
Town of Barwick	0.07	0.00
City of Morven	0.08	0.00
City of Quitman	0.94	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

	GW	SW
None		

BRYAN COUNTY

Population: 21,190
 Population served by public supply: 10,290
 Acres irrigated: 80
 Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.93	0.83	0.00	0.14	0.00	0.00	1.90
Surface Water	0.00	0.00	0.00	0.07	0.01	0.00	0.08
TOTALS	0.93	0.83	0.00	0.21	0.01	0.00	1.98

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City of Pembroke	0.24	0.00
City of Richmond Hill	0.41	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
None		

BULLOCH COUNTY

Population: 48,640
 Population served by public supply: 32,410
 Acres irrigated: 14,270
 Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	5.22	1.62	0.93	6.16	0.04	0.00	13.97
Surface Water	0.00	0.00	0.00	3.05	0.22	0.00	3.27
TOTALS	5.22	1.62	0.93	9.21	0.26	0.00	17.24

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
Town of Brooklet	0.13	0.00
Nevils Water Association	0.02	0.00
Town of Portal	1.30	0.00
Register Water System	0.01	0.00
City of Statesboro	3.18	0.00
Statesboro-Brooks Instruments	0.08	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
33 Primary metals	0.71	0.00

BURKE COUNTY

Population: 21,740

Population served by public supply: 10,120

Acres irrigated: 23,070

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	1.17	0.88	0.00	7.08	0.04	0.78	9.95
Surface Water	0.68	0.00	0.00	1.87	0.15	62.83	65.53
TOTALS	1.85	0.88	0.00	8.95	0.19	63.61	75.48

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
Town of Girard	0.02	0.00
City of Midville	0.11	0.00
Town of Sardis	0.10	0.00
City of Vidette	0.01	0.00
City of Waynesboro	0.82	0.68

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
None		

BUTTS COUNTY

Population: 16,030

Population served by public supply: 14,640

Acres irrigated: 580

Hydroelectric use (Mgal/d): 811



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.18	0.33	0.00	0.00	0.00	0.00	0.51
Surface Water	4.97	0.00	0.00	0.08	0.04	0.00	5.09
TOTALS	5.15	0.33	0.00	0.08	0.04	0.00	5.60

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
Butts County Water & Sewer Auth.	0.00	3.50
City of Flovilla	0.09	0.00
City of Jackson	0.00	1.47
Town of Jenkinsburg	0.06	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
None		

CALHOUN COUNTY

Population: 4,850

Population served by public supply: 4,800

Acres irrigated: 23,760

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY

	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.87	0.01	0.00	12.41	0.01	0.00	13.30
Surface Water	0.00	0.00	0.00	5.47	0.05	0.00	5.52
TOTALS	0.87	0.01	0.00	17.88	0.06	0.00	18.82

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City of Arlington	0.21	0.00
City of Edison	0.20	0.00
City of Leary	0.22	0.00
City of Morgan	0.25	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
None		

CAMDEN COUNTY

Population: 40,710

Population served by public supply: 28,660

Acres irrigated: 580

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY

	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	2.81	4.04	30.91	3.17	0.00	0.00	40.93
Surface Water	0.00	0.00	7.00	0.00	0.01	0.00	7.01
TOTALS	2.81	4.04	37.91	3.17	0.01	0.00	47.94

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City of Kingsland	1.20	0.00
City of St. Marys	1.03	0.00
City of Woodbine	0.12	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
26 Paper	30.58	7.00
28 Chemicals	0.33	0.00

CANDLER COUNTY

Population: 8,640

Population served by public supply: 4,040

Acres irrigated: 10,320

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.59	0.35	0.00	0.98	0.01	0.00	1.93
Surface Water	0.00	0.00	0.00	1.12	0.11	0.00	1.23
TOTALS	0.59	0.35	0.00	2.10	0.12	0.00	3.16

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City of Metter	0.55	0.00
Town of Pulaski	0.03	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
None		

CARROLL COUNTY

Population: 77,980

Population served by public supply: 49,810

Acres irrigated: 200

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.63	2.16	0.00	0.00	0.01	0.00	2.80
Surface Water	9.70	0.00	0.00	0.58	0.61	0.00	10.89
TOTALS	10.33	2.16	0.00	0.58	0.62	0.00	13.69

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City of Bowdon	0.00	0.78
City of Carrollton	0.00	7.88
City of Temple	0.00	0.15
City of Villa Rica	0.00	0.89
Town of Whitesburg	0.06	0.00
Carroll County Water System	0.40	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
None		

CATOOSA COUNTY

Population: 48,010
 Population served by public supply: 26,070
 Acres irrigated: 530
 Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	7.08	1.67	0.00	0.40	0.01	0.00	9.16
Surface Water	0.59	0.00	0.00	0.71	0.22	0.00	1.52
TOTALS	7.67	1.67	0.00	1.11	0.23	0.00	10.68

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
Catoosa County Water System	7.00	0.00
City of Fort Oglethorpe	0.00	0.00
Houston Valley Water System	0.00	0.00
City of Ringgold	0.00	0.59

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
None		

CHARLTON COUNTY

Population: 9,300
 Population served by public supply: 3,700
 Acres irrigated: 110
 Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.70	0.55	0.36	0.01	0.00	0.00	1.62
Surface Water	0.00	0.00	0.00	0.07	0.07	0.00	0.14
TOTALS	0.70	0.55	0.36	0.08	0.07	0.00	1.76

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City of Folkston	0.70	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
14 Mining	0.36	0.00

CHATHAM COUNTY

Population: 226,160

Population served by public supply: 197,440

Acres irrigated: 1,450

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	32.96	4.29	36.05	4.40	0.01	3.60	81.31
Surface Water	44.04	0.00	39.26	0.16	0.03	441.00	524.49
TOTALS	77.00	4.29	75.31	4.56	0.04	444.60	605.80

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City of Savannah-Travis Fld	0.61	0.00
City of Savannah-Wilm. Is	1.10	0.00
City of Garden City	1.26	0.00
Hunter Army Airfield	1.32	0.00
Town of Pooler	0.48	0.00
City of Port Wentworth	0.36	0.00
City of Savannah	22.31	0.00
Savannah Ind.&Dom. Water Sys.	0.00	44.04
Skidaway Island Utilities	0.42	0.00
City of Tybee Island	0.48	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
14 Mining	0.20	0.00
20 Food	2.91	0.00
26 Paper	21.51	25.16
28 Chemicals	10.57	14.10
29 Petroleum	0.69	0.00
32 Stone, clay	0.18	0.00

CHATTAHOOCHEE COUNTY

Population: 15,870

Population served by public supply: 15,560

Acres irrigated: 50

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.51	0.02	0.00	0.00	0.00	0.00	0.53
Surface Water	6.61	6.61	0.00	0.04	0.01	0.00	13.27
TOTALS	7.12	6.63	0.00	0.04	0.01	0.00	13.80

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
Chatahoochee County Water Syst.	0.23	0.00
City of Cusseta	0.26	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
None		

CHATTOOGA COUNTY

Population: 22,880

Population served by public supply: 16,560

Acres irrigated: 30

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY

	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	1.48	0.52	0.00	0.00	0.01	0.00	2.01
Surface Water	2.66	0.00	0.00	0.04	0.15	0.00	2.85
TOTALS	4.14	0.52	0.00	0.04	0.16	0.00	4.86

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
Chattooga County Water Syst.	0.44	0.00
Town of Lyerly	0.12	0.00
Town of Menlo	0.09	0.00
City of Summerville	0.70	2.66
Town of Trion	0.13	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
None		

CHEROKEE COUNTY

Population: 114,750

Population served by public supply: 99,270

Acres irrigated: 50

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY

	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.32	1.16	0.00	0.03	0.01	0.00	1.52
Surface Water	11.38	0.00	0.60	0.00	0.39	0.00	12.37
TOTALS	11.70	1.16	0.60	0.03	0.40	0.00	13.89

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City of Ball Ground	0.14	0.00
City of Canton	0.00	2.81
Cherokee County Water Syst.	0.00	8.57

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
20 Food	0.00	0.60

CLARKE COUNTY

Population: 90,210
 Population served by public supply: 76,680
 Acres irrigated: 450
 Hydroelectric use (Mgal/d): 192



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.21	1.03	0.00	0.09	0.00	0.00	1.33
Surface Water	16.51	0.00	0.00	0.13	0.13	0.00	16.77
TOTALS	16.72	1.03	0.00	0.22	0.13	0.00	18.10

Withdrawals by Major Public Suppliers (Mgal/d)

Withdrawals by Major Industrial Groups (Mgal/d)

	GW	SW	SIC	GW	SW
City of Athens	0.00	16.51	None		

CLAY COUNTY

Population: 3,470
 Population served by public supply: 1,750
 Acres irrigated: 5,900
 Hydroelectric use (Mgal/d): 5,802



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.24	0.15	0.00	0.95	0.01	0.00	1.35
Surface Water	0.00	0.00	0.00	4.17	0.04	0.00	4.21
TOTALS	0.24	0.15	0.00	5.12	0.05	0.00	5.56

Withdrawals by Major Public Suppliers (Mgal/d)

Withdrawals by Major Industrial Groups (Mgal/d)

	GW	SW	SIC	GW	SW
Town of Bluffton	0.01	0.00	None		
City of Fort Gaines	0.22	0.00			

CLAYTON COUNTY

Population: 198,550

Population served by public supply: 198,550

Acres irrigated: 200

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.22	1.28	0.00	0.00	0.01	0.00	1.51
Surface Water	23.52	0.00	0.00	0.55	0.03	0.00	24.10
TOTALS	23.74	1.28	0.00	0.55	0.04	0.00	25.61

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
Clayton County Water Auth.	0.00	23.52
City of Jonesboro	0.15	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

	SIC	GW	SW
	None		

CLINCH COUNTY

Population: 6,440

Population served by public supply: 3,500

Acres irrigated: 450

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.48	0.22	0.00	0.39	0.00	0.00	1.09
Surface Water	0.00	0.00	0.00	0.18	0.02	0.00	0.20
TOTALS	0.48	0.22	0.00	0.57	0.02	0.00	1.29

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
Town of Dupont	0.01	0.00
City of Homerville	0.47	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

	SIC	GW	SW
	None		

COBB COUNTY

Population: 525,450
 Population served by public supply: 514,950
 Acres irrigated: 1,310
 Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.29	0.80	0.00	0.82	0.01	0.00	1.92
Surface Water	79.59	0.00	1.50	1.02	0.04	356.03	438.18
TOTALS	79.88	0.80	1.50	1.84	0.05	356.03	440.10

Withdrawals by Major Public Suppliers (Mgal/d)

Withdrawals by Major Industrial Groups (Mgal/d)

	GW	SW	SIC	GW	SW
Cobb County-Marietta Water Auth.	0.20	79.59	26 Paper	0.00	1.50

COFFEE COUNTY

Population: 32,700
 Population served by public supply: 19,160
 Acres irrigated: 16,910
 Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	5.04	1.10	0.00	2.01	0.04	0.00	8.19
Surface Water	0.00	0.00	0.00	4.23	0.75	0.00	4.98
TOTALS	5.04	1.10	0.00	6.24	0.79	0.00	13.17

Withdrawals by Major Public Suppliers (Mgal/d)

Withdrawals by Major Industrial Groups (Mgal/d)

	GW	SW	SIC	GW	SW
City of Ambrose	0.04	0.00	None		
City of Broxton	0.12	0.00			
City of Douglas	4.50	0.00			
City of Nicholls	0.19	0.00			

COLQUITT COUNTY

Population: 38,070

Population served by public supply: 21,410

Acres irrigated: 21,720

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	3.43	1.28	1.16	13.83	0.06	0.00	19.76
Surface Water	0.00	0.00	0.00	19.66	0.37	0.00	20.03
TOTALS	3.43	1.28	1.16	33.49	0.43	0.00	39.79

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
Town of Berlin	0.02	0.00
City of Doerun	0.09	0.00
Town of Ellenton	0.00	0.00
Town of Funston	0.03	0.00
City of Moultrie	2.87	0.00
Town of Norman Park	0.20	0.00
Town of Riverside	0.04	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

	GW	SW
20 Food	0.66	0.00
28 Chemicals	0.50	0.00

COLUMBIA COUNTY

Population: 83,670

Population served by public supply: 71,540

Acres irrigated: 190

Hydroelectric use (Mgal/d): 3,852



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.94	1.24	0.14	0.08	0.01	0.00	2.41
Surface Water	9.16	0.00	0.00	0.25	0.06	0.00	9.47
TOTALS	10.10	1.24	0.14	0.33	0.07	0.00	11.88

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
Columbia County Water Dept.	0.58	9.16
City of Grovetown	0.07	0.00
City of Harlem	0.25	0.00
Martinez Water Company	0.01	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

	GW	SW
20 Food	0.14	0.00

COOK COUNTY

Population: 13,950

Population served by public supply: 8,580

Acres irrigated: 9,830

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	1.88	0.52	0.00	6.64	0.01	0.00	9.05
Surface Water	0.00	0.00	0.00	2.80	0.07	0.00	2.87
TOTALS	1.88	0.52	0.00	9.44	0.08	0.00	11.92

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City of Adel	1.41	0.00
Town of Cecil	0.10	0.00
Town of Lenox	0.09	0.00
Town of Sparks	0.26	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
None		

COWETA COUNTY

Population: 72,020

Population served by public supply: 36,890

Acres irrigated: 770

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	1.42	2.99	0.00	0.21	0.01	0.00	4.63
Surface Water	3.37	0.00	0.00	0.21	0.08	344.25	347.91
TOTALS	4.79	2.99	0.00	0.42	0.09	344.25	352.54

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City of Grantville	0.15	0.00
Town of Moreland	0.02	0.00
City of Newnan	0.00	3.07
City of Senoia	0.00	0.30
Town of Turin	0.03	0.00
Coweta County Water Syst.	0.71	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
None		

CRAWFORD COUNTY

Population: 10,170

Population served by public supply: 1,650

Acres irrigated: 2,550

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.21	0.84	0.00	1.43	0.91	0.00	3.39
Surface Water	0.00	0.00	0.00	1.51	0.98	0.00	2.49
TOTALS	0.21	0.84	0.00	2.94	1.89	0.00	5.88

Withdrawals by Major Public Suppliers (Mgal/d)

Withdrawals by Major Industrial Groups (Mgal/d)

	GW	SW	SIC	GW	SW
City of Roberta	0.20	0.00	None		

CRISP COUNTY

Population: 20,720

Population served by public supply: 16,810

Acres irrigated: 9,490

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	1.39	4.66	0.00	12.22	0.03	0.00	18.30
Surface Water	0.00	0.00	0.00	0.62	0.10	0.00	0.72
TOTALS	1.39	4.66	0.00	12.84	0.13	0.00	19.02

Withdrawals by Major Public Suppliers (Mgal/d)

Withdrawals by Major Industrial Groups (Mgal/d)

	GW	SW	SIC	GW	SW
Town of Arabi	0.07	0.00	None		
City of Cordele	1.21	0.00			

DADE COUNTY

Population: 14,160

Population served by public supply: 14,160

Acres irrigated: 60

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.00	0.00	0.00	0.08	0.01	0.00	0.09
Surface Water	1.52	0.00	0.00	0.02	0.11	0.00	1.65
TOTALS	1.52	0.00	0.00	0.10	0.12	0.00	1.74

Withdrawals by Major Public Suppliers (Mgal/d)

Withdrawals by Major Industrial Groups (Mgal/d)

	GW	SW	SIC	GW	SW
Dade County Water System	0.00	1.52	None		

DAWSON COUNTY

Population: 12,240

Population served by public supply: 4,930

Acres irrigated: 0

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.01	0.57	0.00	0.00	0.00	0.00	0.58
Surface Water	0.60	0.00	0.00	0.00	0.30	0.00	0.90
TOTALS	0.61	0.57	0.00	0.00	0.30	0.00	1.48

Withdrawals by Major Public Suppliers (Mgal/d)

Withdrawals by Major Industrial Groups (Mgal/d)

	GW	SW	SIC	GW	SW
Etowah Water & Sewer Auth.	0.00	0.50	None		
Town of Dawsonville	0.00	0.10			

DECATUR COUNTY

Population: 26,390

Population served by public supply: 12,900

Acres irrigated: 84,510

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	2.65	1.40	0.80	54.22	0.14	0.00	59.21
Surface Water	0.00	0.00	1.40	4.13	0.05	0.00	5.58
TOTALS	2.65	1.40	2.20	58.35	0.19	0.00	64.79

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
Town of Attapulgus	0.10	0.00
City of Bainbridge	2.40	0.00
Town of Brinson	0.03	0.00
Town of Climax	0.04	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

	GW	SW
22 Textiles	0.42	0.00
28 Chemicals	0.00	1.40
32 Stone, clay	0.38	0.00

DEKALB COUNTY

Population: 582,100

Population served by public supply: 548,330

Acres irrigated: 530

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.00	2.53	0.00	0.00	0.01	0.00	2.54
Surface Water	81.24	0.00	0.00	1.97	0.04	0.00	83.25
TOTALS	81.24	2.53	0.00	1.97	0.05	0.00	85.79

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
DeKalb County Water System	0.00	81.24

Withdrawals by Major Industrial Groups (Mgal/d)

	GW	SW
None		

DODGE COUNTY

Population: 17,960
 Population served by public supply: 8,960
 Acres irrigated: 10,250
 Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	1.36	0.69	0.00	2.57	0.03	0.00	4.65
Surface Water	0.00	0.00	0.00	2.68	0.14	0.00	2.82
TOTALS	1.36	0.69	0.00	5.25	0.17	0.00	7.47

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
Town of Chauncey	0.03	0.00
Town of Chester	0.04	0.00
City of Eastman	1.23	0.00
Town of Rhine	0.07	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

	SIC	GW	SW
	None		

DOOLY COUNTY

Population: 10,310
 Population served by public supply: 6,020
 Acres irrigated: 21,680
 Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	1.86	0.70	0.00	9.39	0.01	0.00	11.96
Surface Water	0.00	0.00	0.00	0.68	0.11	0.00	0.79
TOTALS	1.86	0.70	0.00	10.07	0.12	0.00	12.75

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
Town of Byromville	0.14	0.00
Town of Lilly	0.01	0.00
City of Pinehurst	0.05	0.00
City of Unadilla	0.23	0.00
City of Vienna	1.43	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

	SIC	GW	SW
	None		

DOUGHERTY COUNTY

Population: 97,510

Population served by public supply: 97,510

Acres irrigated: 22,510

Hydroelectric use (Mgal/d): 597



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	19.64	0.71	7.53	10.88	0.04	0.07	38.87
Surface Water	0.00	0.00	0.00	0.89	0.02	94.27	95.18
TOTALS	19.64	0.71	7.53	11.77	0.06	94.34	134.05

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City of Albany	18.88	0.00
Putney Water System	0.02	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

	GW	SW
14 Mining	0.01	0.00
20 Food	1.26	0.00
26 Paper	4.36	0.00
28 Chemicals	1.82	0.00
30 Rubber	0.05	0.00
32 Stone, clay	0.03	0.00

DOUGLAS COUNTY

Population: 82,300

Population served by public supply: 81,470

Acres irrigated: 460

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.09	0.14	0.00	0.00	0.01	0.00	0.24
Surface Water	6.96	0.00	0.00	0.33	0.03	0.00	7.32
TOTALS	7.05	0.14	0.00	0.33	0.04	0.00	7.56

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
Douglasville-Douglas Co. Water & Sewer Authority	0.00	6.96

Withdrawals by Major Industrial Groups (Mgal/d)

	GW	SW
None		

EARLY COUNTY

Population: 12,200

Population served by public supply: 6,480

Acres irrigated: 41,060

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.47	0.44	0.44	22.17	0.03	0.00	23.55
Surface Water	0.00	0.00	108.10	10.23	0.12	0.00	118.45
TOTALS	0.47	0.44	108.54	32.40	0.15	0.00	142.00

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City of Blakely	0.42	0.00
Town of Damascus	0.03	0.00
Town of Jakin	0.02	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
26 Paper	0.07	108.10
36 Electrical machinery	0.37	0.00

ECHOLS COUNTY

Population: 2,330

Population served by public supply: 450

Acres irrigated: 1,910

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.06	0.14	0.00	1.99	0.00	0.00	2.19
Surface Water	0.00	0.00	0.00	0.64	0.02	0.00	0.66
TOTALS	0.06	0.14	0.00	2.63	0.02	0.00	2.85

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
Echols County Water Auth.	0.06	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
None		

EFFINGHAM COUNTY

Population: 32,120
 Population served by public supply: 12,100
 Acres irrigated: 560
 Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	2.14	1.50	3.17	0.10	0.01	0.13	7.05
Surface Water	0.00	0.00	8.29	0.10	0.06	130.00	138.45
TOTALS	2.14	1.50	11.46	0.20	0.07	130.13	145.50

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
Coastal Water & Sewer Comm.	0.20	0.00
City of Guyton	0.16	0.00
Town of Rincon	0.25	0.00
City of Springfield	0.25	0.00
Exley Water System	0.16	0.00
South Rincon Development	0.72	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

	GW	SW
14 Mining	1.22	0.00
26 Paper	1.95	8.29

ELBERT COUNTY

Population: 19,170
 Population served by public supply: 11,060
 Acres irrigated: 560
 Hydroelectric use (Mgal/d): 4,092



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.07	0.62	0.00	0.15	0.01	0.00	0.85
Surface Water	1.64	0.00	0.00	0.15	0.16	0.00	1.95
TOTALS	1.71	0.62	0.00	0.30	0.17	0.00	2.80

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City of Bowman	0.05	0.00
City of Elberton	0.00	1.64

Withdrawals by Major Industrial Groups (Mgal/d)

	GW	SW
None		

EMANUEL COUNTY

Population: 20,950

Population served by public supply: 13,250

Acres irrigated: 4,800

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	1.70	0.58	1.50	1.40	0.03	0.00	5.21
Surface Water	0.00	0.00	0.00	0.27	0.14	0.00	0.41
TOTALS	1.70	0.58	1.50	1.67	0.17	0.00	5.62

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City of Adrian	0.10	0.00
Town of Garfield	0.03	0.00
Town of Nunez	0.01	0.00
Town of Oak Park	0.03	0.00
Town of Stillmore	0.04	0.00
Town of Summertown	0.01	0.00
City of Swainsboro	1.27	0.00
City of Twin City	0.13	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
20 Food	1.50	0.00

EVANS COUNTY

Population: 9,440

Population served by public supply: 9,060

Acres irrigated: 2,640

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.57	0.03	1.50	0.31	0.01	0.00	2.42
Surface Water	0.00	0.00	0.00	0.76	0.10	0.00	0.86
TOTALS	0.57	0.03	1.50	1.07	0.11	0.00	3.28

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City of Bellville	0.04	0.00
City of Claxton	0.42	0.00
City of Daisy	0.02	0.00
City of Hagan	0.09	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
20 Food	1.50	0.00

FANNIN COUNTY

Population: 17,480
 Population served by public supply: 10,550
 Acres irrigated: 110
 Hydroelectric use (Mgal/d): 292



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.10	0.57	0.00	0.00	0.00	0.00	0.67
Surface Water	1.03	0.00	0.00	0.15	0.09	0.00	1.27
TOTALS	1.13	0.57	0.00	0.15	0.09	0.00	1.94

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City of Blue Ridge	0.00	0.59
City of Mccaysville	0.00	0.44
Town of Mineral Bluff	0.05	0.00
Town of Morganton	0.05	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

	GW	SW
SIC		None

FAYETTE COUNTY

Population: 78,880
 Population served by public supply: 54,950
 Acres irrigated: 1,070
 Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	1.03	1.85	0.00	3.21	0.00	0.00	6.09
Surface Water	7.77	0.00	0.00	0.00	0.05	0.00	7.82
TOTALS	8.80	1.85	0.00	3.21	0.05	0.00	13.91

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
Town of Brooks	0.03	0.00
Fayette County Water System	0.26	6.90
City of Fayetteville	0.43	0.87

Withdrawals by Major Industrial Groups (Mgal/d)

	GW	SW
SIC		None

FLOYD COUNTY

Population: 83,940

Population served by public supply: 83,200

Acres irrigated: 1,960

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.55	0.08	0.00	0.62	0.01	0.00	1.26
Surface Water	13.55	0.34	34.01	0.82	0.28	402.00	451.00
TOTALS	14.10	0.42	34.01	1.44	0.29	402.00	452.26

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City of Cave Spring	0.00	0.69
Floyd County Water System	0.55	2.58
City of Rome	0.00	10.28

Withdrawals by Major Industrial Groups (Mgal/d)

	GW	SW
22 Textiles	0.00	6.91
26 Paper	0.00	27.10

FORSYTH COUNTY

Population: 62,340

Population served by public supply: 25,570

Acres irrigated: 240

Hydroelectric use (Mgal/d): 1,284



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.28	2.83	0.00	0.00	0.00	0.00	3.11
Surface Water	9.79	0.00	0.00	0.24	0.60	0.00	10.63
TOTALS	10.07	2.83	0.00	0.24	0.60	0.00	13.74

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City of Cumming	0.00	7.04
Forsyth County Water System	0.02	2.75

Withdrawals by Major Industrial Groups (Mgal/d)

	GW	SW
None		

FRANKLIN COUNTY

Population: 17,700

Population served by public supply: 9,340

Acres irrigated: 150

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.70	0.83	0.00	0.04	0.00	0.00	1.57
Surface Water	1.17	0.00	0.00	0.00	1.07	0.00	2.24
TOTALS	1.87	0.83	0.00	0.04	1.07	0.00	3.81

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City of Canon	0.10	0.00
City of Carnesville	0.07	0.00
City of Franklin Springs	0.13	0.00
City of Lavonia	0.00	0.90
City of Royston	0.32	0.27

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
None		

FULTON COUNTY

Population: 700,690

Population served by public supply: 688,080

Acres irrigated: 0

Hydroelectric use (Mgal/d): 1,223



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.09	1.38	0.45	0.00	0.01	0.00	1.93
Surface Water	223.69	0.26	0.01	0.00	0.07	0.00	224.03
TOTALS	223.78	1.64	0.46	0.00	0.08	0.00	225.96

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
Atlanta-Fulton County Water Syst.	0.00	32.40
City of Atlanta	0.00	178.27
City of East Point	0.00	10.80
City of Palmetto	0.00	0.38
City of Roswell	0.00	1.15
North Fulton County Water Syst.	0.00	0.68

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
None		

GILMER COUNTY

Population: 15,920

Population served by public supply: 11,620

Acres irrigated: 30

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.35	0.39	0.00	0.00	0.00	0.00	0.74
Surface Water	1.90	0.00	0.00	0.05	0.56	0.00	2.51
TOTALS	2.25	0.39	0.00	0.05	0.56	0.00	3.25

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City of Ellijay	0.30	1.90

Withdrawals by Major Industrial Groups (Mgal/d)

	SIC	GW	SW
	None		

GLASCOCK COUNTY

Population: 2,460

Population served by public supply: 1,020

Acres irrigated: 260

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.13	0.11	0.02	0.02	0.01	0.00	0.29
Surface Water	0.00	0.00	0.00	0.06	0.04	0.00	0.10
TOTALS	0.13	0.11	0.02	0.08	0.05	0.00	0.39

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City of Gibson	0.10	0.00
Town of Mitchell	0.02	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

	SIC	GW	SW
	14 Mining	0.02	0.00

GLYNN COUNTY

Population: 65,570

Population served by public supply: 57,110

Acres irrigated: 0

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	12.29	5.56	49.15	0.00	0.00	0.03	67.03
Surface Water	0.00	0.00	24.58	0.00	0.02	32.56	57.16
TOTALS	12.29	5.56	73.73	0.00	0.02	32.59	124.19

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
Glynn County Govt. I95 & I17	0.03	0.00
Glynn County Govt.-Ridgewood	0.15	0.00
City of Brunswick	5.24	0.00
Brunswick I95 Interchange	0.54	0.00
Jekyll Island Water System	1.85	0.00
St Simons Island Water & Sewer	2.64	0.00
Sea Palms Development Corp.	0.29	0.00
Sea Island Services	1.26	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
20 Food	0.74	0.00
26 Paper	39.31	24.58
28 Chemicals	8.70	0.00
32 Stone, clay	0.13	0.00

GORDON COUNTY

Population: 38,440

Population served by public supply: 29,370

Acres irrigated: 410

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.35	0.84	2.77	0.00	0.01	0.00	3.97
Surface Water	12.30	0.00	0.67	0.35	0.80	0.00	14.12
TOTALS	12.65	0.84	3.44	0.35	0.81	0.00	18.09

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City of Calhoun	0.33	12.14
City of Fairmont	0.00	0.16

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
22 Textiles	2.77	0.67

GRADY COUNTY

Population: 21,310

Population served by public supply: 10,610

Acres irrigated: 14,670

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	2.73	0.81	0.00	3.87	0.04	0.00	7.45
Surface Water	0.00	0.00	0.00	4.38	0.25	0.00	4.63
TOTALS	2.73	0.81	0.00	8.25	0.29	0.00	12.08

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City of Cairo	2.61	0.00
City of Whigham	0.09	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
None		

GREENE COUNTY

Population: 12,780

Population served by public supply: 8,420

Acres irrigated: 520

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.27	0.33	0.00	0.00	0.00	0.00	0.60
Surface Water	0.90	0.00	0.26	3.17	0.18	0.00	4.51
TOTALS	1.17	0.33	0.26	3.17	0.18	0.00	5.11

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City of Greensboro	0.00	0.59
Town of Siloam	0.04	0.00
City of Union Point	0.00	0.31
Town of White Plains	0.02	0.00
City of Woodville	0.02	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
32 Stone, clay	0.00	0.26

GWINNETT COUNTY

Population: 457,060
 Population served by public supply: 457,060
 Acres irrigated: 100
 Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.63	0.08	0.00	0.08	0.01	0.00	0.80
Surface Water	70.67	0.00	0.00	0.23	0.11	0.00	71.01
TOTALS	71.30	0.08	0.00	0.31	0.12	0.00	71.81

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City of Buford	0.00	1.02
City of Dacula	0.16	0.00
Grayson Water System	0.03	0.00
City of Suwannee	0.06	0.00
Gwinnett County Water Syst.	0.00	66.05
City of Lawrenceville	0.30	2.00
City of Duluth	0.00	1.10
City of Norcross	0.00	0.50

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
None		

HABERSHAM COUNTY

Population: 30,150
 Population served by public supply: 16,550
 Acres irrigated: 370
 Hydroelectric use (Mgal/d): 876



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.63	1.22	0.00	0.00	0.01	0.00	1.86
Surface Water	5.80	1.34	0.05	0.14	0.93	0.00	8.26
TOTALS	6.43	2.56	0.05	0.14	0.94	0.00	10.12

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
Town of Alto	0.33	0.00
Town of Baldwin	0.22	0.00
City of Clarkesville	0.00	0.51
City of Cornelia	0.00	2.29
City of Demorest	0.00	3.00
Town of Mt Airy	0.04	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
22 Textiles	0.00	0.05

HALL COUNTY

Population: 108,240

Population served by public supply: 76,730

Acres irrigated: 1,010

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.41	2.45	0.67	0.40	0.01	0.00	3.94
Surface Water	13.85	0.07	0.21	0.68	1.05	0.00	15.86
TOTALS	14.26	2.52	0.88	1.08	1.06	0.00	19.80

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
Town of Flowery Branch	0.14	0.00
City of Gainesville	0.00	13.85
City of Lula	0.08	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
20 Food	0.67	0.00
22 Textiles	0.00	0.21

HANCOCK COUNTY

Population: 9,100

Population served by public supply: 4,000

Acres irrigated: 40

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.07	0.38	0.01	0.07	0.00	0.00	0.53
Surface Water	0.51	0.00	0.00	0.00	0.05	0.00	0.56
TOTALS	0.58	0.38	0.01	0.07	0.05	0.00	1.09

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
Devereux Water System	0.02	0.00
City of Sparta	0.00	0.51

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
14 Mining	0.01	0.00

HARALSON COUNTY

Population: 23,380

Population served by public supply: 23,140

Acres irrigated: 0

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.00	0.02	0.00	0.00	0.01	0.00	0.03
Surface Water	1.91	0.00	0.00	0.00	0.20	0.00	2.11
TOTALS	1.91	0.02	0.00	0.00	0.21	0.00	2.14

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City of Bremen	0.00	0.27
Haralson County Water Auth.	0.01	1.64

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
None		

HARRIS COUNTY

Population: 20,480

Population served by public supply: 12,410

Acres irrigated: 170

Hydroelectric use (Mgal/d): 6,632



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.23	0.96	0.00	0.00	0.00	0.00	1.19
Surface Water	0.96	0.00	7.69	0.41	0.06	0.00	9.12
TOTALS	1.19	0.96	7.69	0.41	0.06	0.00	10.31

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City of Hamilton	0.00	0.01
Harris County Waterworks	0.10	0.91
Town of Pine Mountain	0.00	0.04
City of Shiloh	0.04	0.00
Town of Waverly Hall	0.08	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
22 Textiles	0.00	7.69

HART COUNTY

Population: 20,850

Population served by public supply: 6,040

Acres irrigated: 3,850

Hydroelectric use (Mgal/d): 3,012



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.19	1.14	0.00	0.18	0.00	0.00	1.51
Surface Water	1.23	0.00	0.00	0.95	0.50	0.00	2.68
TOTALS	1.42	1.14	0.00	1.13	0.50	0.00	4.19

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
Town of Bowersville	0.10	0.00
City of Hartwell	0.00	1.23

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
None		

HEARD COUNTY

Population: 9,570

Population served by public supply: 4,390

Acres irrigated: 50

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.20	0.42	0.00	0.00	0.00	0.00	0.62
Surface Water	0.17	0.00	0.00	0.08	0.18	0.05	0.48
TOTALS	0.37	0.42	0.00	0.08	0.18	0.05	1.10

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City of Franklin	0.20	0.00
Franklin/Heard Cty Water Auth.	0.00	0.17

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
None		

HENRY COUNTY

Population: 84,550
 Population served by public supply: 83,620
 Acres irrigated: 180
 Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.35	0.19	0.00	0.16	0.01	0.00	0.71
Surface Water	6.31	0.00	0.00	0.00	0.11	0.00	6.42
TOTALS	6.66	0.19	0.00	0.16	0.12	0.00	7.13

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
Henry County Water Auth.	0.00	5.51
City of Locust Grove	0.00	0.05
City of McDonough	0.09	0.75

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
None		

HOUSTON COUNTY

Population: 99,650
 Population served by public supply: 82,670
 Acres irrigated: 9,540
 Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	15.08	4.58	0.02	8.61	0.02	0.00	28.31
Surface Water	0.00	0.00	0.00	0.72	0.11	0.00	0.83
TOTALS	15.08	4.58	0.02	9.33	0.13	0.00	29.14

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City of Centerville	0.58	0.00
City of Elberta	0.11	0.00
Houston County	0.07	0.00
Houston County	3.94	0.00
Houston County	0.08	0.00
City of Perry	2.40	0.00
City of Warner Robins	6.60	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
20 Food	0.02	0.00

IRWIN COUNTY

Population: 8,730

Population served by public supply: 3,940

Acres irrigated: 18,450

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.77	0.36	0.01	5.75	0.03	0.00	6.92
Surface Water	0.00	0.00	0.00	2.77	0.12	0.00	2.89
TOTALS	0.77	0.36	0.01	8.52	0.15	0.00	9.81

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
Irwinville Water Works Inc.	0.03	0.00
City of Mystic	0.03	0.00
City of Ocilla	0.70	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
20 Food	0.01	0.00

JACKSON COUNTY

Population: 33,920

Population served by public supply: 13,520

Acres irrigated: 850

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.70	1.88	0.57	0.07	0.00	0.00	3.22
Surface Water	2.01	0.00	0.00	0.10	1.04	0.00	3.15
TOTALS	2.71	1.88	0.57	0.17	1.04	0.00	6.37

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
Town of Braselton	0.25	0.00
City of Commerce	0.00	1.39
City of Hoschton	0.15	0.00
City of Jefferson	0.00	0.62
Nicholson Water Assoc.	0.12	0.00
City of Maysville	0.07	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
20 Food	0.57	0.00

JASPER COUNTY

Population: 9,170

Population served by public supply: 4,250

Acres irrigated: 0

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.20	0.37	0.00	0.00	0.01	0.00	0.58
Surface Water	0.35	0.00	0.56	0.00	0.25	0.00	1.16
TOTALS	0.55	0.37	0.56	0.00	0.26	0.00	1.74

Withdrawals by Major Public Suppliers (Mgal/d)

Withdrawals by Major Industrial Groups (Mgal/d)

	GW	SW	SIC	GW	SW
City of Monticello	0.04	0.35	32 Stone, clay	0.00	0.56
Town of Shady Dale	0.10	0.00			

JEFF DAVIS COUNTY

Population: 12,370

Population served by public supply: 6,270

Acres irrigated: 10,100

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.83	0.46	0.42	1.90	0.01	0.00	3.62
Surface Water	0.00	0.00	0.00	1.31	0.11	0.00	1.42
TOTALS	0.83	0.46	0.42	3.21	0.12	0.00	5.04

Withdrawals by Major Public Suppliers (Mgal/d)

Withdrawals by Major Industrial Groups (Mgal/d)

	GW	SW	SIC	GW	SW
City of Denton	0.04	0.00	22 Textiles	0.42	0.00
City of Hazelhurst	0.77	0.00			

JEFFERSON COUNTY

Population: 17,870

Population served by public supply: 8,550

Acres irrigated: 19,660

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	1.89	0.70	3.18	2.28	0.03	0.00	8.08
Surface Water	0.00	0.00	3.67	3.59	0.12	0.00	7.38
TOTALS	1.89	0.70	6.85	5.87	0.15	0.00	15.46

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
Town of Avera	0.02	0.00
Town of Bartow	0.01	0.00
City of Louisville	1.20	0.00
Town of Stapleton	0.05	0.00
City of Wadley	0.45	0.00
City of Wrens	0.16	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

	SIC	GW	SW
22 Textiles		1.73	0.00
32 Stone, clay		1.20	3.67

JENKINS COUNTY

Population: 8,660

Population served by public supply: 3,980

Acres irrigated: 8,570

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.52	0.35	0.01	2.92	0.02	0.00	3.82
Surface Water	0.00	0.00	0.00	1.54	0.13	0.00	1.67
TOTALS	0.52	0.35	0.01	4.46	0.15	0.00	5.49

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City of Millen	0.51	0.00
Perkins Water Auth.	0.01	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

	SIC	GW	SW
None			

JOHNSON COUNTY

Population: 8,440

Population served by public supply: 2,910

Acres irrigated: 3,070

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.26	0.42	0.00	1.50	0.02	0.00	2.20
Surface Water	0.00	0.00	0.00	0.82	0.09	0.00	0.91
TOTALS	0.26	0.42	0.00	2.32	0.11	0.00	3.11

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
Town of Kite	0.03	0.00
Scott Water & Sewer Auth.	0.02	0.00
City of Wrightsville	0.21	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
None		

JONES COUNTY

Population: 22,080

Population served by public supply: 11,930

Acres irrigated: 110

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	1.29	0.79	0.00	0.01	0.00	0.00	2.09
Surface Water	0.00	0.00	0.17	0.04	0.10	0.00	0.31
TOTALS	1.29	0.79	0.17	0.05	0.10	0.00	2.40

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City of Gray	0.35	0.00
Haddock Water Commission	0.06	0.00
Jones County Water Comm.	0.82	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
20 Food	0.00	0.07
22 Textiles	0.00	0.10

LAMAR COUNTY

Population: 13,800

Population served by public supply: 6,470

Acres irrigated: 1,250

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.01	0.57	0.00	0.11	0.54	0.00	1.23
Surface Water	2.14	0.00	0.00	0.60	0.69	0.00	3.43
TOTALS	2.15	0.57	0.00	0.71	1.23	0.00	4.66

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City of Barnesville	0.00	2.14
City of Aldora	0.00	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

	GW	SW
SIC		None

LANIER COUNTY

Population: 6,310

Population served by public supply: 2,720

Acres irrigated: 4,710

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.55	0.27	0.00	1.54	0.01	0.00	2.37
Surface Water	0.00	0.00	0.00	0.93	0.02	0.00	0.95
TOTALS	0.55	0.27	0.00	2.47	0.03	0.00	3.32

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City of Lakeland	0.54	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

	GW	SW
SIC		None

LAURENS COUNTY

Population: 42,850

Population served by public supply: 25,300

Acres irrigated: 8,200

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	1.08	1.36	0.50	4.09	0.04	0.00	7.07
Surface Water	3.59	0.00	19.33	2.71	0.18	0.00	25.81
TOTALS	4.67	1.36	19.83	6.80	0.22	0.00	32.88

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
Town of Cadwell	0.06	0.00
Town of Dexter	0.03	0.00
City of Dublin	0.14	3.59
City of Dudley	0.06	0.00
Town of East Dublin	0.48	0.00
Town of Montrose	0.15	0.00
Town of Rentz	0.04	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

	GW	SW
22 Textiles	0.50	5.50
26 Paper	0.00	13.83

LEE COUNTY

Population: 19,920

Population served by public supply: 7,770

Acres irrigated: 37,130

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.78	0.95	0.00	22.66	0.00	0.00	24.39
Surface Water	0.00	0.00	0.00	1.67	0.14	0.00	1.81
TOTALS	0.78	0.95	0.00	24.33	0.14	0.00	26.20

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City of Leesburg	0.30	0.00
City of Smithville	0.07	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

	GW	SW
None		

LIBERTY COUNTY

Population: 58,750

Population served by public supply: 48,730

Acres irrigated: 0

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	6.01	3.30	8.15	0.00	0.00	0.00	17.46
Surface Water	0.00	0.00	0.00	0.00	0.01	0.00	0.01
TOTALS	6.01	3.30	8.15	0.00	0.01	0.00	17.47

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City of Hinesville	3.00	0.00
City of Midway	0.02	0.00
City of Walthourville	0.17	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

	GW	SW
26 Paper	8.15	0.00

LINCOLN COUNTY

Population: 8,060

Population served by public supply: 3,400

Acres irrigated: 60

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.32	0.39	0.10	0.02	0.00	0.00	0.83
Surface Water	0.27	0.00	0.00	0.00	0.06	0.00	0.33
TOTALS	0.59	0.39	0.10	0.02	0.06	0.00	1.16

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
Lincoln County Water System	0.30	0.00
City of Lincolnton	0.00	0.27

Withdrawals by Major Industrial Groups (Mgal/d)

	GW	SW
14 Mining	0.10	0.00

LONG COUNTY

Population: 7,890

Population served by public supply: 3,910

Acres irrigated: 290

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.28	0.30	0.00	0.03	0.00	0.00	0.61
Surface Water	0.00	0.00	0.00	0.15	0.04	0.00	0.19
TOTALS	0.28	0.30	0.00	0.18	0.04	0.00	0.80

Withdrawals by Major Public Suppliers (Mgal/d)

Withdrawals by Major Industrial Groups (Mgal/d)

	GW	SW	SIC	GW	SW
City of Ludowici	0.14	0.00	None		

LOWNDES COUNTY

Population: 82,950

Population served by public supply: 64,930

Acres irrigated: 7,650

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	9.13	4.09	12.20	0.99	0.03	0.00	26.44
Surface Water	0.00	0.00	0.00	1.56	0.09	0.00	1.65
TOTALS	9.13	4.09	12.20	2.55	0.12	0.00	28.09

Withdrawals by Major Public Suppliers (Mgal/d)

Withdrawals by Major Industrial Groups (Mgal/d)

	GW	SW	SIC	GW	SW
Town of Clyattville	0.03	0.00	26 Paper	11.57	0.00
City of Hahira	0.26	0.00	28 Chemicals	0.48	0.00
Town of Lake Park	0.04	0.00			
Lowndes County Water Syst.	0.15	0.00			
City of Remerton	0.04	0.00			
City of Valdosta	7.60	0.00			

LUMPKIN COUNTY

Population: 16,820

Population served by public supply: 4,070

Acres irrigated: 680

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.01	1.01	0.00	0.04	0.00	0.00	1.06
Surface Water	0.08	0.05	1.23	0.21	0.48	0.00	2.05
TOTALS	0.09	1.06	1.23	0.25	0.48	0.00	3.11

Withdrawals by Major Public Suppliers (Mgal/d)

Withdrawals by Major Industrial Groups (Mgal/d)

	GW	SW	SIC	GW	SW
City of Dahlonega	0.00	0.08	14 Mining	0.00	1.23

MCDUFFIE COUNTY

Population: 21,630

Population served by public supply: 11,210

Acres irrigated: 750

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.11	0.88	0.01	0.40	0.00	0.00	1.40
Surface Water	1.22	0.00	0.00	1.04	0.08	0.00	2.34
TOTALS	1.33	0.88	0.01	1.44	0.08	0.00	3.74

Withdrawals by Major Public Suppliers (Mgal/d)

Withdrawals by Major Industrial Groups (Mgal/d)

	GW	SW	SIC	GW	SW
Town of Dearing	0.08	0.00	14 Mining	0.01	0.00
Thomson-McDuffie County Water Commission	0.00	1.22			

MCINTOSH COUNTY

Population: 9,460

Population served by public supply: 7,610

Acres irrigated: 0

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.76	0.65	0.00	0.00	0.00	0.00	1.41
Surface Water	0.00	0.00	0.00	0.00	0.01	0.00	0.01
TOTALS	0.76	0.65	0.00	0.00	0.01	0.00	1.42

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City of Darien	0.40	0.00
Hog Hammock Commission	0.02	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
None		

MACON COUNTY

Population: 13,250

Population served by public supply: 8,320

Acres irrigated: 19,810

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.89	0.39	1.14	7.49	0.02	0.00	9.93
Surface Water	0.00	0.00	10.78	2.57	0.33	0.00	13.68
TOTALS	0.89	0.39	11.92	10.06	0.35	0.00	23.61

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
Town of Ideal	0.06	0.00
Town of Marshallville	0.12	0.00
City of Montezuma	0.39	0.00
City of Oglethorpe	0.33	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
20 Food	0.48	0.00
26 Paper	0.65	10.78
28 Chemicals	0.01	0.00

MADISON COUNTY

Population: 23,400

Population served by public supply: 4,010

Acres irrigated: 340

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.35	1.50	0.00	0.05	0.00	0.00	1.90
Surface Water	0.00	0.00	0.00	0.21	0.98	0.00	1.19
TOTALS	0.35	1.50	0.00	0.26	0.98	0.00	3.09

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
Town of Carlton	0.03	0.00
City of Colbert	0.06	0.00
Town of Comer	0.10	0.00
City of Danielsville	0.10	0.00
City of Ila	0.02	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
None		

MARION COUNTY

Population: 6,370

Population served by public supply: 2,520

Acres irrigated: 1,670

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	1.76	0.30	0.00	0.00	0.01	0.00	2.07
Surface Water	0.00	0.00	0.00	0.96	0.19	0.00	1.15
TOTALS	1.76	0.30	0.00	0.96	0.20	0.00	3.22

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City of Buena Vista	1.75	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
None		

MERIWETHER COUNTY

Population: 23,040

Population served by public supply: 10,060

Acres irrigated: 990

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.65	1.08	0.10	0.16	0.80	0.00	2.79
Surface Water	1.45	0.00	0.00	0.47	0.96	0.00	2.88
TOTALS	2.10	1.08	0.10	0.63	1.76	0.00	5.67

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City of Greenville	0.42	0.06
Lone Oak Water System	0.05	0.00
Town of Luthersville	0.04	0.00
City of Manchester	0.00	1.18
City of Warm Springs	0.10	0.00
Town of Woodbury	0.00	0.22

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
20 Food	0.10	0.00

MILLER COUNTY

Population: 6,160

Population served by public supply: 2,400

Acres irrigated: 54,000

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.30	0.28	0.00	25.89	0.00	0.00	26.47
Surface Water	0.00	0.00	0.00	2.15	0.17	0.00	2.32
TOTALS	0.30	0.28	0.00	28.04	0.17	0.00	28.79

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City of Colquitt	0.30	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
None		

MITCHELL COUNTY

Population: 20,860

Population served by public supply: 12,220

Acres irrigated: 69,550

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	2.57	0.67	0.00	26.68	0.00	0.00	29.92
Surface Water	0.00	0.00	0.00	2.11	0.44	0.00	2.55
TOTALS	2.57	0.67	0.00	28.79	0.44	0.00	32.47

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City of Baconton	0.05	0.00
City of Camilla	1.69	0.00
Hinsonton Water Assoc.	0.01	0.00
City of Pelham	0.76	0.00
Town of Sale City	0.05	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
None		

MONROE COUNTY

Population: 18,950

Population served by public supply: 5,800

Acres irrigated: 300

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.05	1.28	0.00	0.00	2.10	0.02	3.45
Surface Water	1.36	0.00	0.00	0.16	2.30	27.52	31.34
TOTALS	1.41	1.28	0.00	0.16	4.40	27.54	34.79

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City of Culloden	0.02	0.00
City of Forsyth	0.00	1.36

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
None		

MONTGOMERY COUNTY

Population: 7,640

Population served by public supply: 4,470

Acres irrigated: 1,620

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.47	0.28	0.00	2.03	0.01	0.00	2.79
Surface Water	0.00	0.00	0.00	1.58	0.06	0.00	1.64
TOTALS	0.47	0.28	0.00	3.61	0.07	0.00	4.43

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
Town of Ailey	0.04	0.00
Town of Alston	0.01	0.00
Charlotte Water Assoc.	0.01	0.00
City of Mt Vernon	0.32	0.00
Village of Tarrytown	0.01	0.00
Town of Uvalda	0.05	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
None		

MORGAN COUNTY

Population: 14,010

Population served by public supply: 5,230

Acres irrigated: 1,510

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.17	0.72	0.00	0.00	0.00	0.00	0.89
Surface Water	0.97	0.00	0.00	0.65	0.40	0.00	2.02
TOTALS	1.14	0.72	0.00	0.65	0.40	0.00	2.91

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
Town of Bostwick	0.00	0.00
Town of Buckhead	0.02	0.00
City of Madison	0.04	0.97
City of Rutledge	0.08	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
None		

MURRAY COUNTY

Population: 30,030
 Population served by public supply: 15,220
 Acres irrigated: 800
 Hydroelectric use (Mgal/d): 983



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.73	1.15	0.00	0.01	0.01	0.00	1.90
Surface Water	1.07	0.33	0.00	0.64	0.18	0.00	2.22
TOTALS	1.80	1.48	0.00	0.65	0.19	0.00	4.12

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City of Chatsworth	0.71	1.07

Withdrawals by Major Industrial Groups (Mgal/d)

	SIC	GW	SW
	None		

MUSCOGEE COUNTY

Population: 184,590
 Population served by public supply: 184,590
 Acres irrigated: 300
 Hydroelectric use (Mgal/d): 7,326



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.09	0.01	0.00	0.00	0.01	0.00	0.11
Surface Water	38.86	0.00	0.15	0.34	0.01	0.00	39.36
TOTALS	38.95	0.01	0.15	0.34	0.02	0.00	39.47

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
Smith Water Auth.	0.00	4.00
City of Columbus	0.00	34.86

Withdrawals by Major Industrial Groups (Mgal/d)

	SIC	GW	SW
	None		

NEWTON COUNTY

Population: 50,640

Population served by public supply: 38,020

Acres irrigated: 160

Hydroelectric use (Mgal/d): 80



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	1.26	1.04	0.06	0.00	0.01	0.00	2.37
Surface Water	1.45	0.00	0.05	0.13	0.14	0.00	1.77
TOTALS	2.71	1.04	0.11	0.13	0.15	0.00	4.14

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
Newton County-Almon Comm.	0.04	0.00
City of Covington	0.00	1.41
Town of Mansfield	0.02	0.00
Town of Newborn	0.04	0.00
Town of Porterdale	0.00	0.04
City of Oxford	0.19	0.00
Newton County Water System	0.80	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

	GW	SW
22 Textiles	0.00	0.05
28 Chemicals	0.06	0.00

OCONEE COUNTY

Population: 21,190

Population served by public supply: 14,000

Acres irrigated: 130

Hydroelectric use (Mgal/d): 136



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	1.21	0.56	0.00	0.11	0.00	0.00	1.88
Surface Water	0.14	0.00	0.00	0.47	0.57	0.00	1.18
TOTALS	1.35	0.56	0.00	0.58	0.57	0.00	3.06

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
Oconee County Public Utility Authority	0.35	0.00
Town of Watkinsville	0.51	0.14
City of Bishop	0.00	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

	GW	SW
None		

OGLETHORPE COUNTY

Population: 10,910

Population served by public supply: 2,490

Acres irrigated: 120

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.07	0.63	0.00	0.23	0.00	0.00	0.93
Surface Water	0.23	0.00	0.00	0.00	0.51	0.00	0.74
TOTALS	0.30	0.63	0.00	0.23	0.51	0.00	1.67

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City of Arnoldsville	0.01	0.00
City of Crawford	0.00	0.23
City of Lexington	0.04	0.00
Town of Maxeys	0.02	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

	SIC	GW	SW
	None		

PAULDING COUNTY

Population: 59,920

Population served by public supply: 56,930

Acres irrigated: 70

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.13	0.23	0.00	0.28	0.00	0.00	0.64
Surface Water	2.70	0.00	0.00	0.07	0.10	0.00	2.87
TOTALS	2.83	0.23	0.00	0.35	0.10	0.00	3.51

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City of Dallas	0.00	0.30
City of Hiram	0.11	0.00
Paulding County Water System	0.00	2.40

Withdrawals by Major Industrial Groups (Mgal/d)

	SIC	GW	SW
	None		

PEACH COUNTY

Population: 22,910

Population served by public supply: 13,360

Acres irrigated: 4,050

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	2.40	0.74	0.00	3.43	0.01	0.00	6.58
Surface Water	0.00	0.00	0.00	0.15	0.04	0.00	0.19
TOTALS	2.40	0.74	0.00	3.58	0.05	0.00	6.77

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City of Byron	0.47	0.00
City of Fort Valley	1.86	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
None		

PICKENS COUNTY

Population: 16,880

Population served by public supply: 11,220

Acres irrigated: 200

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.42	0.61	0.00	0.22	0.00	0.00	1.25
Surface Water	0.96	0.22	0.00	0.23	0.28	0.00	1.69
TOTALS	1.38	0.83	0.00	0.45	0.28	0.00	2.94

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
Big Canoe Corp.	0.30	0.00
City of Jasper	0.00	0.81
City of Nelson	0.06	0.00
Pickens County Water Auth.	0.00	0.15

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
None		

PIERCE COUNTY

Population: 14,820

Population served by public supply: 4,500

Acres irrigated: 14,920

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.48	0.78	0.00	2.61	0.02	0.00	3.89
Surface Water	0.00	0.00	0.00	1.81	0.09	0.00	1.90
TOTALS	0.48	0.78	0.00	4.42	0.11	0.00	5.79

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City of Blackshear	0.41	0.00
City of Patterson	0.03	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

	SIC	GW	SW
	None		

PIKE COUNTY

Population: 11,440

Population served by public supply: 2,940

Acres irrigated: 1,570

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.33	0.67	0.00	0.65	0.10	0.00	1.75
Surface Water	0.17	0.00	0.00	0.98	0.24	0.00	1.39
TOTALS	0.50	0.67	0.00	1.63	0.34	0.00	3.14

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
Town of Concord	0.26	0.00
City of Meansville	0.02	0.00
City of Molena	0.02	0.00
Town of Williamson	0.02	0.00
City of Zebulon	0.00	0.17

Withdrawals by Major Industrial Groups (Mgal/d)

	SIC	GW	SW
	None		

POLK COUNTY

Population: 34,770

Population served by public supply: 33,250

Acres irrigated: 340

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	3.84	0.12	2.34	0.01	0.01	0.00	6.32
Surface Water	4.15	0.00	0.00	0.01	0.15	0.00	4.31
TOTALS	7.99	0.12	2.34	0.02	0.16	0.00	10.63

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City of Cedartown	1.96	0.00
Polk County Water Auth.	0.38	3.10
City of Rockmart	1.50	1.05

Withdrawals by Major Industrial Groups (Mgal/d)

	GW	SW
28 Chemicals	2.30	0.00
30 Rubber	0.04	0.00

PULASKI COUNTY

Population: 8,250

Population served by public supply: 6,080

Acres irrigated: 15,880

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	1.16	0.17	0.00	9.01	0.01	0.00	10.35
Surface Water	0.00	0.00	0.00	1.80	0.05	0.00	1.85
TOTALS	1.16	0.17	0.00	10.81	0.06	0.00	12.20

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
Hartford Water Auth.	0.05	0.00
City of Hawkinsville	1.10	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

	GW	SW
None		

PUTNAM COUNTY

Population: 15,990

Population served by public supply: 8,240

Acres irrigated: 660

Hydroelectric use (Mgal/d): 3,396



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.26	0.64	0.01	0.06	0.01	0.00	0.98
Surface Water	0.93	0.00	0.00	0.29	0.19	1008.10	1009.51
TOTALS	1.19	0.64	0.01	0.35	0.20	1008.10	1010.49

Withdrawals by Major Public Suppliers (Mgal/d)

Withdrawals by Major Industrial Groups (Mgal/d)

	GW	SW	SIC	GW	SW
City of Eatonton	0.00	0.93	None		

QUITMAN COUNTY

Population: 2,420

Population served by public supply: 1,660

Acres irrigated: 1,200

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.17	0.07	0.00	0.00	0.00	0.00	0.24
Surface Water	0.00	0.00	0.00	1.64	0.01	0.00	1.65
TOTALS	0.17	0.07	0.00	1.64	0.01	0.00	1.89

Withdrawals by Major Public Suppliers (Mgal/d)

Withdrawals by Major Industrial Groups (Mgal/d)

	GW	SW	SIC	GW	SW
Town of Georgetown	0.12	0.00	None		

RABUN COUNTY

Population: 12,740

Population served by public supply: 7,400

Acres irrigated: 0

Hydroelectric use (Mgal/d): 1,054



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.36	0.60	0.02	0.00	0.00	0.00	0.98
Surface Water	1.10	0.05	1.86	0.00	0.10	0.00	3.11
TOTALS	1.46	0.65	1.88	0.00	0.10	0.00	4.09

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City of Sky Valley	0.00	0.25
City of Clayton	0.00	0.85
Town of Tallulah Falls	0.01	0.00
City of Sky Valley Resort	0.30	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
22 Textiles	0.00	1.86
36 Electrical machinery	0.02	0.00

RANDOLPH COUNTY

Population: 8,090

Population served by public supply: 5,680

Acres irrigated: 20,740

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.91	0.24	0.20	4.41	0.02	0.00	5.78
Surface Water	0.00	0.00	0.00	4.77	0.07	0.00	4.84
TOTALS	0.91	0.24	0.20	9.18	0.09	0.00	10.62

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City of Coleman	0.05	0.00
City of Cuthbert	0.60	0.00
City of Shellman	0.11	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
20 Food	0.20	0.00

RICHMOND COUNTY

Population: 195,510

Population served by public supply: 191,600

Acres irrigated: 1,240

Hydroelectric use (Mgal/d): 1,404



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	13.87	0.79	3.58	5.12	0.02	0.00	23.38
Surface Water	23.73	2.50	76.31	1.38	0.04	0.00	103.96
TOTALS	37.60	3.29	79.89	6.50	0.06	0.00	127.34

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City of Augusta	0.00	23.73
Town of Blythe	0.03	0.00
Town of Hephzibah	0.40	0.00
Richmond County Water Syst.	12.30	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

	GW	SW
14 Mining	0.02	0.00
20 Food	0.00	3.90
22 Textiles	1.20	0.00
26 Paper	0.00	60.93
28 Chemicals	1.66	11.48
32 Stone, clay	0.70	0.00

ROCKDALE COUNTY

Population: 64,450

Population served by public supply: 63,800

Acres irrigated: 90

Hydroelectric use (Mgal/d): 28



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.21	0.06	0.00	0.00	0.00	0.00	0.27
Surface Water	1.66	0.00	0.00	0.30	0.03	0.00	1.99
TOTALS	1.87	0.06	0.00	0.30	0.03	0.00	2.26

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City of Conyers	0.00	1.66
Milstead Water System	0.11	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

	GW	SW
None		

SCHLEY COUNTY

Population: 3,780

Population served by public supply: 2,230

Acres irrigated: 1,750

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.26	0.12	0.00	0.28	0.01	0.00	0.67
Surface Water	0.00	0.00	0.00	1.11	0.06	0.00	1.17
TOTALS	0.26	0.12	0.00	1.39	0.07	0.00	1.84

Withdrawals by Major Public Suppliers (Mgal/d)

Withdrawals by Major Industrial Groups (Mgal/d)

	GW	SW	SIC	GW	SW
City of Ellaville	0.26	0.00	None		

SCREVEN COUNTY

Population: 14,340

Population served by public supply: 5,590

Acres irrigated: 10,730

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.87	0.72	1.69	3.24	0.04	0.00	6.56
Surface Water	0.00	0.00	0.00	1.36	0.15	0.00	1.51
TOTALS	0.87	0.72	1.69	4.60	0.19	0.00	8.07

Withdrawals by Major Public Suppliers (Mgal/d)

Withdrawals by Major Industrial Groups (Mgal/d)

	GW	SW	SIC	GW	SW
City of Hiltonia	0.02	0.00	22 Textiles	1.69	0.00
Town of Newington	0.05	0.00			
City of Oliver	0.03	0.00			
City of Sylvania	0.75	0.00			

SEMINOLE COUNTY

Population: 9,100

Population served by public supply: 4,000

Acres irrigated: 55,510

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.76	0.60	0.00	21.03	0.07	0.00	22.46
Surface Water	0.00	0.00	0.00	1.25	0.03	0.00	1.28
TOTALS	0.76	0.60	0.00	22.28	0.10	0.00	23.74

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City of Donalsonville	0.65	0.00
Town of Iron City	0.07	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
None		

SPALDING COUNTY

Population: 57,310

Population served by public supply: 40,950

Acres irrigated: 600

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.12	1.23	0.00	0.00	0.00	0.00	1.35
Surface Water	8.27	0.00	0.00	0.45	0.07	0.00	8.79
TOTALS	8.39	1.23	0.00	0.45	0.07	0.00	10.14

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City of Griffin	0.00	8.27
Village of Orchard Hill	0.01	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
None		

STEPHENS COUNTY

Population: 25,000
 Population served by public supply: 22,500
 Acres irrigated: 440
 Hydroelectric use (Mgal/d): 960



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.16	0.27	0.00	0.00	0.00	0.00	0.43
Surface Water	2.12	0.00	0.00	0.24	0.33	0.00	2.69
TOTALS	2.28	0.27	0.00	0.24	0.33	0.00	3.12

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
Town of Martin	0.09	0.00
City of Toccoa	0.00	2.12

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
None		

STEWART COUNTY

Population: 5,440
 Population served by public supply: 3,610
 Acres irrigated: 2,550
 Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	1.07	0.16	0.00	0.11	0.01	0.00	1.35
Surface Water	0.00	0.00	0.00	2.09	0.06	0.00	2.15
TOTALS	1.07	0.16	0.00	2.20	0.07	0.00	3.50

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City of Omaha	0.01	0.00
City of Richland	0.82	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
None		

SUMTER COUNTY

Population: 31,250

Population served by public supply: 20,130

Acres irrigated: 35,730

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	3.72	0.86	0.00	13.60	0.05	0.00	18.23
Surface Water	0.00	0.00	0.00	9.98	0.22	0.00	10.20
TOTALS	3.72	0.86	0.00	23.58	0.27	0.00	28.43

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
Village of Andersonville	0.14	0.00
City of Americus	3.27	0.00
Village of DeSoto	0.04	0.00
Village of Leslie	0.05	0.00
City of Plains	0.15	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

	SIC
	None

TALBOT COUNTY

Population: 6,740

Population served by public supply: 2,310

Acres irrigated: 10

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.20	0.33	0.00	0.00	1.14	0.00	1.67
Surface Water	0.00	0.00	0.00	0.01	1.19	0.00	1.20
TOTALS	0.20	0.33	0.00	0.01	2.33	0.00	2.87

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
Town of Geneva	0.03	0.00
Town of Junction City	0.01	0.00
City of Talbotton	0.08	0.00
City of Woodland	0.08	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

	SIC
	None

TALIAFERRO COUNTY

Population: 1,880

Population served by public supply: 550

Acres irrigated: 0

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.06	0.12	0.00	0.00	0.00	0.00	0.18
Surface Water	0.00	0.00	0.00	0.00	0.06	0.00	0.06
TOTALS	0.06	0.12	0.00	0.00	0.06	0.00	0.24

Withdrawals by Major Public Suppliers (Mgal/d)

Withdrawals by Major Industrial Groups (Mgal/d)

	GW	SW	SIC	GW	SW
City of Crawfordville	0.06	0.00	None		

TATTNALL COUNTY

Population: 18,590

Population served by public supply: 8,330

Acres irrigated: 17,140

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	1.13	1.78	0.00	6.66	0.03	0.00	9.60
Surface Water	0.00	0.00	0.00	8.19	0.59	0.00	8.78
TOTALS	1.13	1.78	0.00	14.85	0.62	0.00	18.38

Withdrawals by Major Public Suppliers (Mgal/d)

Withdrawals by Major Industrial Groups (Mgal/d)

	GW	SW	SIC	GW	SW
City of Cobbtown	0.07	0.00	None		
City of Collins	0.06	0.00			
City of Glennville	0.67	0.00			
City of Manassas	0.02	0.00			
City of Reidsville	0.29	0.00			

TAYLOR COUNTY

Population: 8,050

Population served by public supply: 4,600

Acres irrigated: 1,250

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.83	0.26	0.00	0.45	0.06	0.00	1.60
Surface Water	0.00	0.00	0.00	0.33	0.17	0.00	0.50
TOTALS	0.83	0.26	0.00	0.78	0.23	0.00	2.10

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
Town of Butler	0.62	0.00
Town of Reynolds	0.21	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
None		

TELFAIR COUNTY

Population: 11,620

Population served by public supply: 8,230

Acres irrigated: 16,300

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	1.86	0.25	0.05	5.53	0.02	0.00	7.71
Surface Water	0.00	0.00	0.00	2.62	0.08	0.00	2.70
TOTALS	1.86	0.25	0.05	8.15	0.10	0.00	10.41

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
Town of Helena	0.00	0.00
Town of Jacksonville	0.03	0.00
City of Lumber City	0.77	0.00
City of McRae	0.46	0.00
Town of Milan	0.41	0.00
City of Scotland	0.18	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
None		

TERRELL COUNTY

Population: 11,010

Population served by public supply: 7,510

Acres irrigated: 23,070

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	1.33	0.27	0.00	8.66	0.01	0.00	10.27
Surface Water	0.00	0.00	0.00	10.46	0.03	0.00	10.49
TOTALS	1.33	0.27	0.00	19.12	0.04	0.00	20.76

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
Town of Bronwood	0.05	0.00
City of Dawson	1.15	0.00
Town of Parrott	0.04	0.00
Town of Sasser	0.08	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
None		

THOMAS COUNTY

Population: 41,420

Population served by public supply: 31,990

Acres irrigated: 9,310

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	5.88	0.72	0.57	4.20	0.03	0.00	11.40
Surface Water	0.00	0.00	0.00	1.13	0.14	0.00	1.27
TOTALS	5.88	0.72	0.57	5.33	0.17	0.00	12.67

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City of Thomasville-Waverly	0.17	0.00
City of Boston	0.19	0.00
Town of Barwick	0.61	0.00
City of Coolidge	0.11	0.00
City of Meigs	0.14	0.00
City of Pavo	0.08	0.00
City of Thomasville W&L Dept.	4.30	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
20 Food	0.44	0.00
28 Chemicals	0.05	0.00
32 Stone, clay	0.08	0.00

TIFT COUNTY

Population: 35,930

Population served by public supply: 28,010

Acres irrigated: 36,750

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	6.11	0.78	0.00	11.87	0.03	0.00	18.79
Surface Water	0.00	0.00	0.00	15.59	0.16	0.00	15.75
TOTALS	6.11	0.78	0.00	27.46	0.19	0.00	34.54

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City of Omega	0.07	0.00
City of Tifton	5.78	0.00
Town of Ty Ty	0.08	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

	SIC	GW	SW
	None		

TOOMBS COUNTY

Population: 25,280

Population served by public supply: 18,630

Acres irrigated: 8,950

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	2.18	0.50	0.00	1.31	0.02	0.00	4.01
Surface Water	0.00	0.00	0.00	2.89	0.10	0.00	2.99
TOTALS	2.18	0.50	0.00	4.20	0.12	0.00	7.00

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City of Lyons	0.57	0.00
City of Santa Claus	0.01	0.00
City of Vidalia	1.53	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

	SIC	GW	SW
	None		

TOWNS COUNTY

Population: 7,560

Population served by public supply: 6,570

Acres irrigated: 110

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.15	0.14	0.00	0.00	0.00	0.00	0.29
Surface Water	1.50	0.00	0.00	0.20	0.04	0.00	1.74
TOTALS	1.65	0.14	0.00	0.20	0.04	0.00	2.03

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
Town of Hiawassee	0.00	1.50
City of Young Harris	0.05	0.00
Towns County Water System	0.08	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
None		

TREUTLEN COUNTY

Population: 5,940

Population served by public supply: 3,000

Acres irrigated: 1,510

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.65	0.43	0.00	0.38	0.01	0.00	1.47
Surface Water	0.00	0.00	0.00	0.17	0.03	0.00	0.20
TOTALS	0.65	0.43	0.00	0.55	0.04	0.00	1.67

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City of Soperton	0.65	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
None		

TROUP COUNTY

Population: 57,880

Population served by public supply: 44,840

Acres irrigated: 30

Hydroelectric use (Mgal/d): 3,301



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.03	1.14	0.05	0.00	0.00	0.00	1.22
Surface Water	10.97	0.00	1.00	0.02	0.10	0.00	12.09
TOTALS	11.00	1.14	1.05	0.02	0.10	0.00	13.31

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City of Hogansville	0.00	0.40
City of Lagrange	0.00	9.89
Mountville Water Assoc.	0.02	0.00
City of West Point	0.00	0.67

Withdrawals by Major Industrial Groups (Mgal/d)

	GW	SW
22 Textiles	0.04	1.00
30 Rubber	0.01	0.00

TURNER COUNTY

Population: 8,920

Population served by public supply: 5,980

Acres irrigated: 36,740

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	1.85	0.23	1.08	5.79	0.03	0.00	8.98
Surface Water	0.00	0.00	0.00	10.00	0.13	0.00	10.13
TOTALS	1.85	0.23	1.08	15.79	0.16	0.00	19.11

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City of Ashburn	1.73	0.00
Town of Rebecca	0.02	0.00
City of Sycamore	0.10	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

	GW	SW
28 Chemicals	1.08	0.00

TWIGGS COUNTY

Population: 10,060

Population served by public supply: 2,140

Acres irrigated: 1,430

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.26	0.60	21.54	0.71	0.00	0.00	23.11
Surface Water	0.00	0.00	0.00	0.13	0.03	0.00	0.16
TOTALS	0.26	0.60	21.54	0.84	0.03	0.00	23.27

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
Town of Danville	0.03	0.00
City of Jeffersonville	0.22	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

	GW	SW
14 Mining	0.33	0.00
32 Stone, clay	21.21	0.00

UNION COUNTY

Population: 14,430

Population served by public supply: 9,980

Acres irrigated: 20

Hydroelectric use (Mgal/d): 257



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.33	0.39	0.00	0.00	0.00	0.00	0.72
Surface Water	0.50	0.00	0.00	0.02	0.13	0.00	0.65
TOTALS	0.83	0.39	0.00	0.02	0.13	0.00	1.37

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City of Blairsville	0.12	0.50
Coosa Water Authority	0.11	0.00
Notla Water Authority	0.10	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

	GW	SW
None		

UPSON COUNTY

Population: 26,960

Population served by public supply: 19,000

Acres irrigated: 860

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.24	0.62	0.00	0.00	2.02	0.00	2.88
Surface Water	2.70	0.00	3.17	0.20	2.18	0.00	8.25
TOTALS	2.94	0.62	3.17	0.20	4.20	0.00	11.13

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City of Thomaston	0.00	2.70
Town of Yatesville	0.04	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
22 Textiles	0.00	3.17

WALKER COUNTY

Population: 60,650

Population served by public supply: 55,820

Acres irrigated: 70

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	6.88	0.44	1.50	0.00	0.01	0.00	8.83
Surface Water	1.03	0.00	0.57	0.12	0.33	0.00	2.05
TOTALS	7.91	0.44	2.07	0.12	0.34	0.00	10.88

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
Walker Co Water & Sewer Auth.	2.80	0.00
City of Lafayette	1.00	0.00
City of Chickamauga	1.20	0.00
City of LaFayette	0.75	1.01
Walker County Water & Sewer	0.93	0.02

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
22 Textiles	0.50	0.57
30 Rubber	1.00	0.00

WALTON COUNTY

Population: 46,690

Population served by public supply: 30,800

Acres irrigated: 670

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.37	1.23	0.00	0.12	0.00	0.00	1.72
Surface Water	3.20	0.00	0.00	0.65	0.20	0.00	4.05
TOTALS	3.57	1.23	0.00	0.77	0.20	0.00	5.77

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
Walton County Water & Sewer Auth.	0.00	0.00
Town of Jersey	0.03	0.00
Monroe Water, Light & Gas Co.	0.00	2.49
City of Social Circle	0.00	0.71
City of Loganville	0.29	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
None		

WARE COUNTY

Population: 35,590

Population served by public supply: 28,480

Acres irrigated: 2,470

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	3.38	1.29	0.15	0.53	0.02	0.00	5.37
Surface Water	0.00	0.00	0.00	0.46	0.09	0.00	0.55
TOTALS	3.38	1.29	0.15	0.99	0.11	0.00	5.92

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City of Manor	0.37	0.00
Ware County Water System	0.87	0.00
City of Waycross	2.09	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
30 Rubber	0.15	0.00

WARREN COUNTY

Population: 6,060

Population served by public supply: 3,150

Acres irrigated: 270

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.03	0.22	0.88	0.54	0.00	0.00	1.67
Surface Water	0.50	0.00	0.62	2.15	0.10	0.00	3.37
TOTALS	0.53	0.22	1.50	2.69	0.10	0.00	5.04

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
Town of Camak	0.01	0.00
Town of Norwood	0.02	0.00
City of Warrenton	0.00	0.50

Withdrawals by Major Industrial Groups (Mgal/d)

	GW	SW
14 Mining	0.02	0.00
32 Stone, clay	0.86	0.62

WASHINGTON COUNTY

Population: 19,950

Population served by public supply: 10,250

Acres irrigated: 6,660

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	2.07	0.75	17.64	2.67	0.03	0.00	23.16
Surface Water	0.00	0.00	0.00	1.15	0.11	0.00	1.26
TOTALS	2.07	0.75	17.64	3.82	0.14	0.00	24.42

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City of Davisboro	0.26	0.00
Town of Deepstep	0.01	0.00
Town of Harrison	0.02	0.00
Town of Oconee	0.03	0.00
Town of Riddleville	0.11	0.00
City of Sandersville	1.28	0.00
City of Tennille	0.35	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

	GW	SW
14 Mining	1.12	0.00
32 Stone, clay	16.52	0.00

WAYNE COUNTY

Population: 24,820

Population served by public supply: 12,320

Acres irrigated: 3,710

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	1.79	0.99	61.90	0.71	0.01	0.00	65.40
Surface Water	0.00	0.00	0.00	0.53	0.05	0.00	0.58
TOTALS	1.79	0.99	61.90	1.24	0.06	0.00	65.98

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City of Jesup	1.61	0.00
Town of Odum	0.02	0.00
City of Screven	0.09	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

	GW	SW
28 Chemicals	61.90	0.00

WEBSTER COUNTY

Population: 2,260

Population served by public supply: 1,090

Acres irrigated: 4,170

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.10	0.09	0.00	0.47	0.01	0.00	0.67
Surface Water	0.00	0.00	0.00	4.65	0.04	0.00	4.69
TOTALS	0.10	0.09	0.00	5.12	0.05	0.00	5.36

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City of Preston	0.08	0.00
Town of Weston	0.02	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

	GW	SW
None		

WHEELER COUNTY

Population: 4,830

Population served by public supply: 2,180

Acres irrigated: 4,740

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.27	0.20	0.00	2.20	0.01	0.00	2.68
Surface Water	0.00	0.00	0.00	0.41	0.05	0.00	0.46
TOTALS	0.27	0.20	0.00	2.61	0.06	0.00	3.14

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City Of Alamo	0.21	0.00
City Of Glenwood	0.06	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
None		

WHITE COUNTY

Population: 15,330

Population served by public supply: 3,940

Acres irrigated: 50

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.63	0.91	0.00	0.02	0.00	0.00	1.56
Surface Water	2.20	0.00	1.64	0.04	0.47	0.00	4.35
TOTALS	2.83	0.91	1.64	0.06	0.47	0.00	5.91

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
White County Water & Sewer Auth.	0.00	1.80
City of Cleveland	0.19	0.40
City of Helen	0.24	0.00
City of Robertstown	0.19	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
14 Mining	0.00	1.64

WHITFIELD COUNTY

Population: 78,030

Population served by public supply: 77,250

Acres irrigated: 500

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.01	0.12	0.00	0.00	0.01	0.00	0.14
Surface Water	38.14	0.00	0.00	0.36	0.28	0.00	38.78
TOTALS	38.15	0.12	0.00	0.36	0.29	0.00	38.92

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
Dalton Utilities	0.00	38.14

Withdrawals by Major Industrial Groups (Mgal/d)

	SIC	GW	SW
	None		

WILCOX COUNTY

Population: 7,100

Population served by public supply: 4,240

Acres irrigated: 19,580

Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.62	0.21	0.00	9.51	0.02	0.00	10.36
Surface Water	0.00	0.00	0.00	4.75	0.16	0.00	4.91
TOTALS	0.62	0.21	0.00	14.26	0.18	0.00	15.27

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
City of Abbeville	0.08	0.00
Town of Pineview	0.10	0.00
City of Pitts	0.02	0.00
City of Rochelle	0.40	0.00
Town of Seville	0.01	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

	SIC	GW	SW
	None		

WILKES COUNTY

Population: 10,620
 Population served by public supply: 5,210
 Acres irrigated: 310
 Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	0.07	0.41	0.00	0.33	0.00	0.00	0.81
Surface Water	2.34	0.00	0.00	0.66	0.31	0.00	3.31
TOTALS	2.41	0.41	0.00	0.99	0.31	0.00	4.12

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
Rayle Water Assoc.	0.02	0.00
City of Tignall	0.05	0.00
City of Washington	0.00	2.34

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
None		

WILKINSON COUNTY

Population: 10,630
 Population served by public supply: 8,060
 Acres irrigated: 0
 Hydroelectric use (Mgal/d): 0



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	2.40	0.19	20.82	0.00	0.01	0.00	23.42
Surface Water	0.00	0.00	0.00	0.00	0.02	0.00	0.02
TOTALS	2.40	0.19	20.82	0.00	0.03	0.00	23.44

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
Town of Allentown	0.02	0.00
Town of Gordon	0.37	0.00
Town of Irwinton	0.25	0.00
Town of Ivey	0.11	0.00
Town of McIntyre	1.54	0.00
Town of Toombsboro	0.12	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
14 Mining	4.30	0.00
32 Stone, clay	16.52	0.00

WORTH COUNTY

Population: 21,640

Population served by public supply: 9,760

Acres irrigated: 18,400

Hydroelectric use (Mgal/d): 580



WITHDRAWALS, IN MILLION GALLONS PER DAY							
	Public Supply	Domestic & Commercial	Industrial & Mining	Irrigation	Livestock	Thermo-electric	TOTALS
Ground Water	1.45	0.97	0.00	6.46	0.04	0.00	8.92
Surface Water	0.00	0.00	0.00	4.96	0.17	15.00	20.13
TOTALS	1.45	0.97	0.00	11.42	0.21	15.00	29.05

Withdrawals by Major Public Suppliers (Mgal/d)

	GW	SW
Isabella Water System	0.04	0.00
City of Poulan	0.05	0.00
Town of Sumner	0.03	0.00
City of Sylvester Water & Light	1.20	0.00
City of Warwick	0.05	0.00

Withdrawals by Major Industrial Groups (Mgal/d)

SIC	GW	SW
None		