

**THE 100 LARGEST PUBLIC WATER SUPPLIES  
IN SOUTH CAROLINA**

**Compiled by  
Roy Newcome, Jr.**

**STATE OF SOUTH CAROLINA**



**WATER RESOURCES COMMISSION  
REPORT NUMBER 169  
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STATE  
OF  
SOUTH CAROLINA



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## CONTENTS

	<b>Page</b>
Abstract .....	1
Introduction .....	1
Alphabetical listing .....	4
Ranking list .....	5
Explanation of compilation .....	7

## FIGURES

1. Map showing location of public supplies using more than 5 million gallons per day .....	2
2. Graph showing distribution of per capita water use .....	3

# THE 100 LARGEST PUBLIC WATER SUPPLIES IN SOUTH CAROLINA

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## ABSTRACT

Public water supplies in South Carolina use nearly 400 million gallons per day, 80 percent of it obtained from surface-water sources and 20 percent from wells. The five largest public supplies are Charleston, Greenville, Columbia, Spartanburg, and the Beaufort-Jasper County Water Authority. Sumter, the largest supply using only ground water, and Anderson are tied for sixth place. The range in pumping for the 100 largest public supplies is 50 million gallons per day for the largest to about two-thirds of a million gallons per day for the smallest.

## INTRODUCTION

Water use for public supplies averages nearly 400 million gallons per day in South Carolina. The water is withdrawn from streams, lakes, and aquifers and represents about 25 percent of the State's total water use of 1.7 billion gallons per day for purposes other than power generation. The remaining 75 percent is used by industry and irrigation, the latter being only about 2 percent. Eighty percent of the water used for public supply is obtained from surface sources—that is, streams and lakes; the other 20 percent is pumped from wells.

Information on the size and source of public water supplies is often needed by business, industry, and residential developers. The tabulation in this report provides a summary of that information and ranks the 100 largest supplies by amount of average daily pumpage during a complete 1-year period. The periods used are all within the 2 years from mid-1987 to mid-1989. The reader should understand that because water use is constantly changing, comparison by size may not be strictly reliable among the smaller supplies. Currently, about 75 percent of South Carolina's population is served by the 100 largest public water supplies.

The chief source of data for this report was the computerized "C" list (dated 2/13/89) provided by the South Carolina Department of Health and Environmental Control (DHEC). It was updated, where necessary, from the files of the South Carolina Water Resources Commission (SCWRC), which also supplied the well-depth data, and from direct contact with the operators of specific water plants. All who provided information to the writer are herewith thanked for their courtesy and cooperation. Inspiration for this compilation was a report prepared 25 years ago by the U.S. Geological Survey:

Durfor, C.N., and Becker, Edith, 1964, Public water supplies of the 100 largest cities in the United States, 1962: U.S. Geological Survey Water-Supply Paper 1812, 364 p.

South Carolina reports that presented earlier information on public water supplies are:

Duke, James W., 1977, Municipal and industrial water use in South Carolina: South Carolina Water Resources Commission Report Number 127, 108 p.

Harrigan, Joseph A., 1985, Water use in South Carolina; July-December 1983: South Carolina Water Resources Commission Report Number 148, 18 p.

Lonon, G.E., Burnette, C.B., and Morris, H.J., 1983, Water use in South Carolina, 1980: South Carolina Water Resources Commission Report Number 138, 20 p.

South Carolina Water Resources Commission, 1974, Water use in South Carolina 1970: South Carolina Water Resources Commission Report Number 103.

South Carolina Water Resources Commission, 1983, South Carolina state water assessment: South Carolina Water Resources Commission Report Number 140, 367 p.

On the next few pages, and preceding the compilation, are a map of South Carolina, with the counties and larger cities shown, an alphabetical listing of the 100 largest public water supplies, and a listing by rank in size (average pumpage in millions of gallons per day, abbreviated mgd).

The map (Fig. 1) shows the location of public water supplies that pump more than 5 million gallons per day. Figure 2 is a graph that shows the per capita use of water to be between 75 and 200 gallons per day for most public supplies. A large part of the difference in per capita use among the public supplies is a result of the purchase of water by industries from some public supply systems.

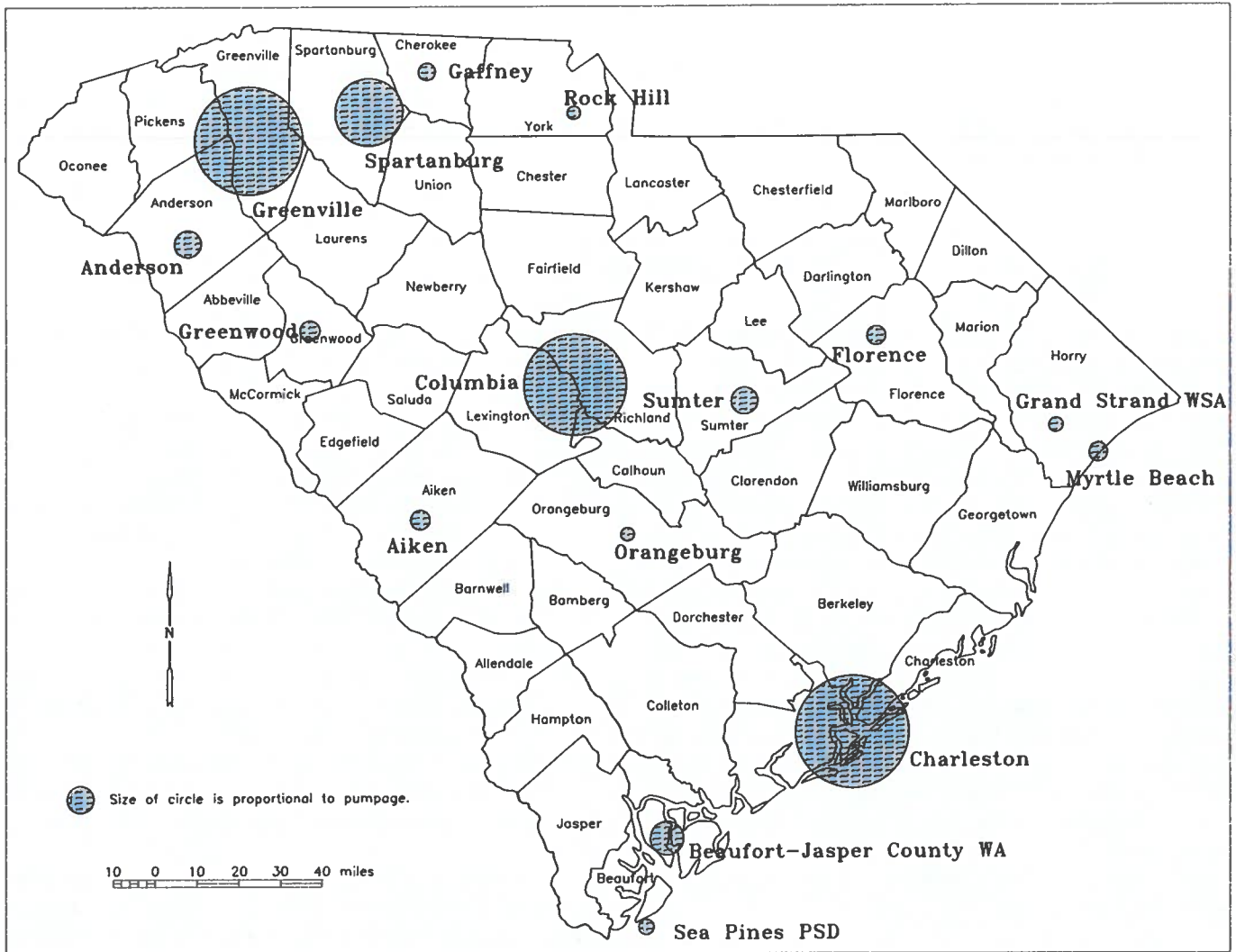


Figure 1. Location of public water supplies using more than 5 million gallons per day in South Carolina.

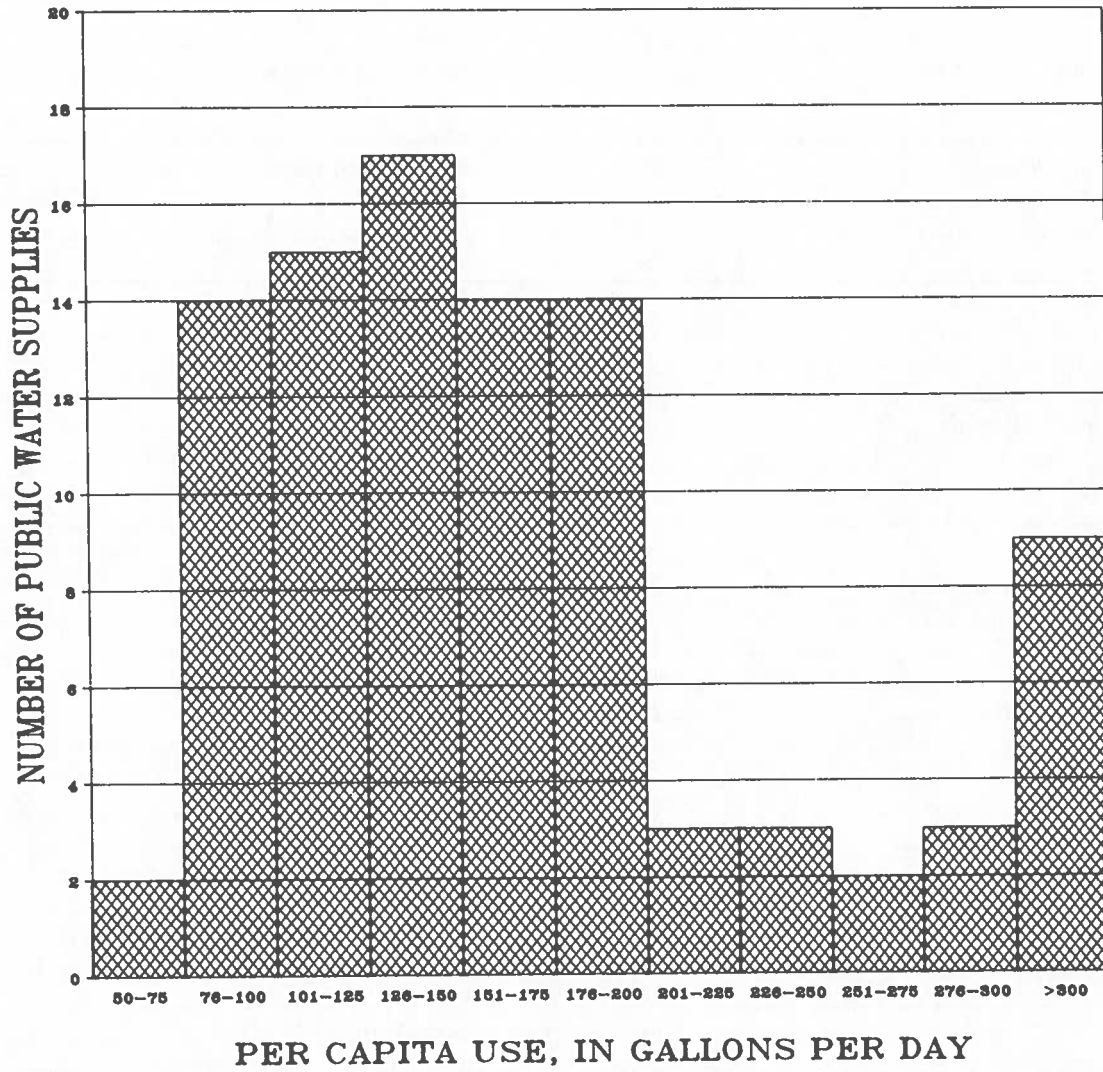


Figure 2. Distribution of per capita water use among South Carolina's 100 largest public water supplies.

## ALPHABETICAL LISTING

	Page		Page
Abbeville .....	30	Kingstree.....	51
Aiken.....	12	Lake City.....	46
Anderson.....	10	Lancaster .....	36
Andrews.....	40	Lancaster County WSD .....	27
Barnwell .....	26	Laurens.....	26
Batesburg .....	37	Lexington .....	57
Beaufort .....	35	Liberty.....	47
Beaufort-Jasper County WA .....	10	Liberty-Chesnee-Fingerville WD .....	27
Belton-Honea Path WA .....	28	Lugoff WD.....	55
Bennettsville.....	34	Manning.....	53
Berkeley County WSA .....	43	Marco Rural Water Co.....	44
Blue Ridge WD.....	52	Marion .....	42
Broad Creek PSD.....	35	McCormick .....	49
Camden.....	28	Mount Pleasant .....	20
Cayce.....	31	Mullins.....	47
Central .....	54	Myrtle Beach .....	13
Charleston .....	8	Myrtle Beach Air Force Base.....	51
Charleston Air Force Base .....	50	Naval Weapons Station .....	34
Charleston Naval Shipyard.....	19	Newberry .....	20
Cheraw .....	25	North Augusta .....	22
Chester.....	23	North Myrtle Beach .....	16
Clemson .....	48	Orangeburg.....	14
Clemson University .....	39	Pageland .....	53
Clinton .....	29	Parris Island Marine Base .....	36
Columbia .....	9	Pickens.....	25
Conway.....	32	Pioneer Rural WD .....	56
Darlington .....	49	Port Royal .....	56
Darlington County WSA .....	29	Rabon Creek Rural WD .....	39
Denmark .....	55	Rock Hill.....	15
Dillon .....	41	Saluda Valley-Powdersville Water Co.....	38
Easley Central WD .....	45	Sandy Springs Water Co.....	42
Easley Combined Utility System .....	15	Sea Pines PSD.....	18
Edgefield County WSA .....	23	Seneca.....	21
Florence.....	12	Spartanburg .....	9
Forest Beach PSD .....	24	Startex-Jackson-Wellford-Duncan WD .....	21
Fort Jackson .....	18	Summerville.....	16
Fort Mill .....	45	Sumter .....	11
Gaffney .....	13	Surfside Beach .....	57
Georgetown .....	31	Una WD .....	50
Georgetown Rural Community WD.....	48	Union .....	19
Goose Creek .....	41	Waccamaw Neck WD .....	33
Grand Strand WSA .....	14	Walhalla.....	40
Greenville.....	8	Walterboro .....	22
Greenwood.....	11	West Anderson Water Co.....	54
Greer.....	17	West Columbia.....	17
Hartsville .....	43	Westminster .....	30
Hilton Head No. 1 PSD.....	33	Williamston .....	44
Hilton Head Plantation .....	37	Winnsboro .....	38
Inman-Campobello WD.....	32	Woodruff-Roebuck WD .....	24
Jefferson.....	46	York .....	52

Note: HHI, Hilton Head Island; PSD, Public Service District; WA, Water Association; WD, Water District; WSA, Water and Sewer Authority; WSD, Water and Sewer District.



## RANKING LIST

	Rank	Average pumpage (mgd)
Charleston	1	50
Greenville	2	48
Columbia	3	45
Spartanburg	4	30
Beaufort-Jasper County WA	5	13
Anderson	6	12
Sumter	6	12
Greenwood	8	9.0
Aiken	9	8.7
Florence	10	8.5
Myrtle Beach	11	8.4
Gaffney	12	7.7
Grand Strand WSA	13	6.4
Orangeburg	14	6.0
Rock Hill	15	5.8
** Easley Combined Utility System	16	5.0
North Myrtle Beach	17	4.8
** Summerville	18	4.3
Greer	19	4.2
West Columbia	20	3.9
Fort Jackson	21	3.7
Sea Pines PSD (HHI)	21	3.7
* Charleston Naval Shipyard	23	3.6
Union	24	3.4
Mount Pleasant	25	3.2
Newberry	25	3.2
Seneca	25	3.2
* Startex-Jackson		
Wellford-Duncan WD	28	2.9
Walterboro	28	2.9
North Augusta	30	2.8
Chester	31	2.7
Edgefield County WSA	32	2.6
Forest Beach PSD (HHI)	32	2.6
* Woodruff-Roebuck WD	32	2.6
Cheraw	35	2.5
Pickens	35	2.5
Laurens	37	2.4
Barnwell	38	2.3
* Liberty-Chesnee-		
Fingerville WD	38	2.3
Lancaster County WSD	40	2.2
Belton-Honea Path WA	41	2.1
Camden	41	2.1
Clinton	41	2.1
Darlington County WSA	41	2.1

**RANKING LIST (Continued)**

	<b>Rank</b>	<b>Average pumpage (mgd)</b>
Westminster	41	2.1
Abbeville	46	2.0
Cayce	46	2.0
** Georgetown	46	2.0
* Inman-Campbello WD	46	2.0
Conway	50	1.9
Hilton Head No. 1 PSD	50	1.9
Waccamaw Neck WD	50	1.9
Bennettsville	53	1.8
Naval Weapons Station	53	1.8
* Beaufort	55	1.7
Broad Creek PSD (HHI)	55	1.7
* Lancaster	55	1.7
* Parris Island Marine Base	58	1.6
Batesburg	59	1.5
* Hilton Head Plantation	59	1.5
* Saluda Valley-Powdersville	59	1.5
Winnsboro	59	1.5
Clemson University	63	1.4
* Rabon Creek Rural WD	63	1.4
Walhalla	63	1.4
Andrews	66	1.2
Dillon	66	1.2
* Goose Creek	66	1.2
Marion	66	1.2
* Sandy Springs Water Co.	66	1.2
** Berkeley County WSA	71	1.1
Hartsville	71	1.1
Marco Rural Water Co.	71	1.1
Williamston	71	1.1
Easley Central WD	75	1.0
Fort Mill	75	1.0
Jefferson	75	1.0
Lake City	75	1.0
Mullins	75	1.0
Liberty	80	.96
Georgetown Rural Community WD	81	.92
* Clemson	82	.90
Darlington	82	.90
McCormick	82	.90
* Una WD	82	.90
Charleston Air Force Base	86	.89
Myrtle Beach Air Force Base	87	.88
Kingstree	88	.87

## RANKING LIST (Continued)

	Rank	Average pumpage (mgd)
York	89	0.86
* Blue Ridge WD	90	.80
Manning	90	.80
Pageland	90	.80
* West Anderson Water Co.	93	.76
* Central	94	.75
Denmark	94	.75
Lugoff WD	94	.75
* Pioneer Rural WD	97	.74
* Port Royal	98	.72
Lexington	99	.70
Surfside Beach	99	.70

\*Water supply purchased from another system.

\*\*Part of water supply purchased from another system.

## EXPLANATION OF COMPILATION

A few of the items of information on the water supplies require some explanation to prevent confusion. Foremost of these is "Population served". In some instances the population listed will seem out of proportion to the average pumpage. This can be explained by the fact that several large suppliers sell water to both retail and wholesale customers (Beaufort-Jasper County Water Authority is an example), and only the retail customers would be listed under "Population served". The wholesale customers, such as the Parris Island Marine Base, would have their population listed with their entry. The writer cannot certify that this rule is followed for all situations of this type. Another problem with reporting population occurs in the beach resort areas, where the proportion of tourist

population and resident population ranges widely during the year and the two are, in fact, extremely difficult to differentiate.

The storage listed includes elevated (El), ground (Gr), and pressure tank (Press. tank); storage is in millions of gallons.

Under "Treatment" the strictly mechanical procedures are not listed, and the order of the various treatment steps is not indicated. In some plants filtration and/or chlorination may take place more than once before the water is "finished". The treatments employed by the water supplies are indicated by large "X's".

CHARLESTON

Charleston County

Source(s) of supply: Edisto River, Foster Creek/Back River, and Goose Creek Reservoir

Population served: 175,000

Average pumpage: 50 mgd

Rank in size: 1

Plant capacity: 79 mgd Storage (mil gal): El 3.50 Gr 9.10

Treatment:	Filtration	X	Phosphate	
	Chlorination	X	pH adjustment	X
	Aeration		Fluoridation	X
	Softening		Iron removal	

Remarks:

Pumpage includes water sold to smaller systems Per capita use, about 245 gpd.

GREENVILLE

Greenville County

Source(s) of supply: North Saluda and Table Rock Reservoirs and Lake Keowee

Population served: 240,800

Average pumpage: 48 mgd

Rank in size: 2

Plant capacity: 97 mgd Storage (mil gal): El 0.98 Gr 4.10

Treatment:	Filtration		Phosphate	X
	Chlorination	X	pH adjustment	X
	Aeration		Fluoridation	X
	Softening		Iron removal	

Remarks:

Pumpage includes water sold to smaller systems. Per capita use, about 200 gpd.

COLUMBIA

Richland County

Source(s) of supply: Broad River and Lake Murray

Population served: 248,650

Average pumpage: 45 mgd

Rank in size: 3

Plant capacity: 92 mgd      Storage (mil gal): El 23.9    Gr 11.0

Treatment:	Filtration	X	Phosphate	
	Chlorination	X	pH adjustment	X
	Aeration		Fluoridation	X
	Softening		Iron removal	

Remarks:

Pumpage includes water sold to smaller systems. Per capita use, about 160 gpd.

SPARTANBURG

Spartanburg County

Source(s) of supply: South Pacolet River

Population served: 92,935

Average pumpage: 30 mgd

Rank in size: 4

Plant capacity: 64 mgd      Storage (mil gal): El 11.3    Gr 9.75

Treatment:	Filtration	X	Phosphate	
	Chlorination	X	pH adjustment	X
	Aeration		Fluoridation	X
	Softening	X	Iron removal	

Remarks:

Pumpage includes water sold to smaller systems. per capita use, about 205 gpd.

BEAUFORT-JASPER COUNTY WATER AUTHORITY

Beaufort County

Source(s) of supply: Savannah River; and six wells, 76-220 ft deep, in the Floridan aquifer

Population served: 7,608

Average pumpage: 14 mgd

Rank in size: 5

Plant capacity: 16 mgd Storage (mil gal): El 2.95 Gr 1.50 Press. tank 0.01

Treatment:	Filtration	X	Phosphate	X
	Chlorination	X	pH adjustment	X
	Aeration		Fluoridation	X
	Softening		Iron removal	

Remarks:

Pumpage includes water sold to smaller systems. Population given here is retail customers only; most of the water pumped is for the wholesale customers listed elsewhere. Estimated total population served is 50,000. Per capita use, about 280 gpd.

ANDERSON

Anderson County

Source(s) of supply: Lake Hartwell

Population served: 40,000

Average pumpage: 12 mgd

Rank in size: Tied for 6

Plant capacity: 24 mgd Storage (mil gal): El 3.25 Gr 6.40

Treatment:	Filtration	X	Phosphate	
	Chlorination	X	pH adjustment	X
	Aeration		Fluoridation	X
	Softening		Iron removal	

Remarks:

Pumpage includes water sold to smaller systems. Per capita use, about 190 gpd.

SUMTER

Sumter County

Source(s) of supply: Fifteen wells, 554-714 ft deep, in Cretaceous aquifers

Population served: 45,192

Average pumpage: 12 mgd

Rank in size: Tied for 6

Plant capacity: 12 mgd Storage (mil gal): El 2.0 Gr 3.5

Treatment:	Filtration	X	Phosphate	
	Chlorination	X	pH adjustment	X
	Aeration		Fluoridation	X
	Softening		Iron removal	X

Remarks:

Per capita use, 265 gpd.

GREENWOOD

Greenwood County

Source(s) of supply: Lake Greenwood

Population served: 39,951

Average pumpage: 9.0 mgd

Rank in size: 8

Plant capacity: 15.5 mgd Storage (mil gal): El 1.30 Gr 5.00

Treatment:	Filtration	X	Phosphate	
	Chlorination	X	pH adjustment	X
	Aeration		Fluoridation	X
	Softening		Iron removal	

Remarks:

Pumpage includes water sold to smaller systems. Per capita use, about 210 gpd.

AIKEN

Aiken County

Source(s) of supply: Four wells, 433-485 ft deep, in Cretaceous aquifers;  
also Shaw Creek and Shiloh Springs

Population served: 33,354

Average pumpage: 8.7 mgd

Rank in size: 9

Plant capacity: 10.3 mgd Storage (mil gal): El 1.50 Gr 2.10

Treatment:	Filtration	Phosphate	X
	Chlorination X	pH adjustment	X
	Aeration	Fluoridation	
	Softening	Iron removal	

Remarks:

Same treatment for well water and surface water. Per capita use, 261 gpd.

FLORENCE

Florence County

Source(s) of supply: Eleven wells, 196-750 ft deep, in Cretaceous aquifers

Population served: 60,000

Average pumpage: 8.5 mgd

Rank in size: 10

Plant capacity: 10 mgd Storage (mil gal): El 3.60 Gr 0

Treatment:	Filtration	Phosphate	
	Chlorination X	pH adjustment	X
	Aeration X	Fluoridation	X
	Softening	Iron removal	X

Remarks:

Pumpage includes water sold to smaller systems. Per capita use, about 135 gpd.



MYRTLE BEACH

Horry County

Source(s) of supply: Atlantic Intracoastal Waterway

Population served: 54,912

Average pumpage: 8.4 mgd

Rank in size: 11

Plant capacity: 20 mgd Storage (mil gal): El 4.6 Gr 3.0

Treatment:	Filtration	X	Phosphate	X
	Chlorination	X	pH adjustment	X
	Aeration	X	Fluoridation	X
	Softening		Iron removal	

Remarks:

Prior to mid-1988 the water supply was obtained from 27 wells, 607-880 ft deep. Per capita use, 153 gpd.

GAFFNEY

Cherokee County

Source(s) of supply: Lake Whelchel

Population served: 27,840

Average pumpage: 7.7 mgd

Rank in size: 12

Plant capacity: 10.2 mgd Storage (mil gal): El 2.40 Gr 2.60

Treatment:	Filtration	X	Phosphate	X
	Chlorination	X	pH adjustment	X
	Aeration		Fluoridation	X
	Softening		Iron removal	

Remarks:

Pumpage includes water sold to smaller systems. Per capita use, about 195 gpd.

GRAND STRAND WATER AND SEWER AUTHORITY

Horry County

Source(s) of supply: Twenty wells, 258-812 ft deep, in Cretaceous aquifers

Population served: 65,816

Average pumpage: 6.4 mgd

Rank in size: 13

Plant capacity: 9.2 mgd Storage (mil gal): El 1.35 Gr 0 Press. tank 0.07

Treatment:	Filtration		Phosphate
	Chlorination	X	pH adjustment
	Aeration		Fluoridation
	Softening		Iron removal

Remarks:

Per capita use, 97 gpd.

ORANGEBURG

Orangeburg County

Source(s) of supply: North Edisto River

Population served: 49,842

Average pumpage: 6.0 mgd

Rank in size: 14

Plant capacity: 11 mgd Storage (mil gal): El 1.80 Gr 4.38

Treatment:	Filtration	X	Phosphate	X
	Chlorination	X	pH adjustment	X
	Aeration		Fluoridation	X
	Softening		Iron removal	

Remarks:

Per capita use, 120 gpd.

ROCK HILL  
York County

Source(s) of supply: Lake Wylie

Population served: 44,991

Average pumpage: 5.8 mgd

Rank in size: 15

Plant capacity: 12 mgd      Storage (mil gal): El 2.50    Gr 2.00

Treatment:	Filtration	X	Phosphate	X
	Chlorination	X	pH adjustment	X
	Aeration		Fluoridation	X
	Softening		Iron removal	

Remarks:

Per capita use, 129 gpd.

EASLEY COMBINED UTILITY SYSTEM

Pickens County

Source(s) of supply: Saluda Lake (on Saluda River) and purchased from Greenville

Population served: 23,344

Average pumpage: 5.0 mgd

Rank in size: 16

Plant capacity: 9.0 mgd      Storage (mil gal): El 2.70    Gr 3.40

Treatment:	Filtration	X	Phosphate	X
	Chlorination	X	pH adjustment	X
	Aeration		Fluoridation	X
	Softening		Iron removal	

Remarks:

Pumpage includes water sold to smaller systems. Per capita use, about 170 gpd.

NORTH MYRTLE BEACH

Horry County

Source(s) of supply: Twelve wells, 400-702 ft deep, in Cretaceous aquifers

Population served: 26,851

Average pumpage: 4.8 mgd

Rank in size: 17

Plant capacity: 6.2 mgd Storage (mil gal): El 1.10 Gr 0 Press. tank 0.01

Treatment:	Filtration	Phosphate
	Chlorination X	pH adjustment
	Aeration	Fluoridation
	Softening	Iron removal

Remarks:

Per capita use, 179 gpd.

SUMMERVILLE

Dorchester County

Source(s) of supply: Five wells, 1,750-1,830 ft deep, in Cretaceous aquifers; Ashley River; and water purchased from Charleston

Population served: 43,392

Average pumpage: 4.3 mgd

Rank in size: 18

Plant capacity: 8.3 mgd Storage (mil gal): El 1.15 Gr 1.50

Treatment:	Filtration	X	Phosphate	X
	Chlorination	X	pH adjustment	
	Aeration		Fluoridation	
	Softening		Iron removal	

Remarks:

Chlorination is only treatment for well water. Per capita use, 99 gpd.

GREER

Greenville County

Source(s) of supply: South Tyger River

Population served: 22,400

Average pumpage: 4.2 mgd

Rank in size: 19

Plant capacity: 8.0 mgd Storage (mil gal): El 3.25 Gr 3.16

Treatment:	Filtration	X	Phosphate	X
	Chlorination	X	pH adjustment	X
	Aeration		Fluoridation	X
	Softening	X	Iron removal	

Remarks:

Pumpage includes water sold to smaller systems. Per capita use, about 150 gpd.

WEST COLUMBIA

Lexington County

Source(s) of supply: Saluda River

Population served: 40,000

Average pumpage: 3.9 mgd

Rank in size: 20

Plant capacity: 6.5 mgd Storage (mil gal): El 4.10 Gr 0.87

Treatment:	Filtration	X	Phosphate	
	Chlorination	X	pH adjustment	X
	Aeration		Fluoridation	X
	Softening		Iron removal	

Remarks:

Per capita use, 98 gpd.

FORT JACKSON (U.S. ARMY)

Richland County

Source(s) of supply: Forest Lake

Population served: 23,000

Average pumpage: 3.7 mgd

Rank in size: Tied for 21

Plant capacity: 5.0 mgd Storage (mil gal): El 1.80 Gr 1.00

Treatment:	Filtration	X	Phosphate	X
	Chlorination	X	pH adjustment	X
	Aeration		Fluoridation	X
	Softening		Iron removal	

Remarks:

Per capita use, 161 gpd.

SEA PINES PUBLIC SERVICE DISTRICT (HILTON HEAD ISLAND)

Beaufort County

Source(s) of supply: Ten wells, 176-210 ft deep, in the Floridan aquifer

Population served: 20,000

Average pumpage: 3.7 mgd

Rank in size: Tied for 21

Plant capacity: 4.7 mgd Storage (mil gal): El 0.90 Gr 25.0 Press. tank 0.06

Treatment:	Filtration		Phosphate	
	Chlorination	X	pH adjustment	
	Aeration		Fluoridation	
	Softening		Iron removal	

Remarks:

Per capita use, 185 gpd.

CHARLESTON NAVAL SHIPYARD

Charleston County

Source(s) of supply: Purchased from Charleston

Population served: 1,000 (Resident)

Average pumpage: 3.6 mgd

Rank in size: Tied for 23

Plant capacity: 0 mgd

Storage (mil gal): El 0.75 Gr 2.02

Treatment:

Filtration  
Chlorination  
Aeration  
Softening

Phosphate  
pH adjustment  
Fluoridation  
Iron removal

Remarks:

Treatment by Charleston.

UNION

Union County

Source(s) of supply: Broad River

Population served: 13,240

Average pumpage: 3.4 mgd

Rank in size: Tied for 24

Plant capacity: 8.0 mgd

Storage (mil gal): El 1.70 Gr 1.90

Treatment:

Filtration X  
Chlorination X  
Aeration  
Softening

Phosphate  
pH adjustment X  
Fluoridation X  
Iron removal

Remarks:

Pumpage includes water sold to smaller systems. Per capita use, about 170 gpd.

MOUNT PLEASANT

Charleston County

Source(s) of supply: Six wells, 1,840-2,141 ft deep, in Cretaceous aquifers and 20 wells in sand above the Floridan aquifer

Population served: 25,000

Average pumpage: 3.2 mgd

Rank in size: Tied for 25

Plant capacity: 5.5 mgd Storage (mil gal): El 0.40 Gr 0.70 Press. tank 0.07

Treatment:	Filtration		Phosphate
	Chlorination	X	pH adjustment
	Aeration		Fluoridation
	Softening		Iron removal

Remarks:

Per capita use, 128 gpd.

NEWBERRY

Newberry County

Source(s) of supply: Saluda River

Population served: 12,209

Average pumpage: 3.2 mgd

Rank in size: Tied for 25

Plant capacity: 5.2 mgd Storage (mil gal): El 1.50 Gr 2.50

Treatment:	Filtration	X	Phosphate	X
	Chlorination	X	pH adjustment	X
	Aeration		Fluoridation	X
	Softening		Iron removal	

Remarks:

Pumpage includes water sold to smaller systems. Per capita use, about 190 gpd.



SENECA

Oconee County

Source(s) of supply: Lake Keowee

Population served: 22,610

Average pumpage: 3.2 mgd

Rank in size: Tied for 25

Plant capacity: 8.0 mgd Storage (mil gal): El 1.60 Gr 4.00 Press. tank 0.001

Treatment:	Filtration	X	Phosphate
	Chlorination	X	pH adjustment
	Aeration		Fluoridation
	Softening		Iron removal

Remarks:

Pumpage includes water sold to smaller systems. Per capita use, about 135 gpd.

STARTEX-JACKSON-WELLFORD-DUNCAN WATER DISTRICT

Spartanburg County

Source(s) of supply: Purchased from Spartanburg, Springs Industries, and (temporarily) from Inman-Campobello Water District

Population served: 26,040

Average pumpage: 2.9 mgd

Rank in size: Tied for 28

Plant capacity: 7.1 mgd Storage (mil gal): El 3.45 Gr 0

Treatment:	Filtration	X	Phosphate
	Chlorination	X	pH adjustment
	Aeration		Fluoridation
	Softening	X	Iron removal

Remarks:

Per capita use, 111 gpd.

WALTERBORO

Colleton County

Source(s) of supply: Thirteen wells, 430-1,760 ft deep, in the Black Mingo Formation and Cretaceous aquifers

Population served: 12,000

Average pumpage: 2.9 mgd

Rank in size: Tied for 28

Plant capacity: 4.0 mgd Storage (mil gal): El 0.55 Gr 1.20

Treatment:	Filtration		Phosphate
	Chlorination	X	pH adjustment
	Aeration		Fluoridation
	Softening		Iron removal

Remarks:

Per capita use, 242 gpd.

NORTH AUGUSTA

Aiken County

Source(s) of supply: Four wells, 118-285 ft deep, in Cretaceous aquifers

Population served: 22,200

Average pumpage: 2.8 mgd

Rank in size: 30

Plant capacity: 8.0 mgd Storage (mil gal): El 1.68 Gr 1.94

Treatment:	Filtration	X	Phosphate	X
	Chlorination	X	pH adjustment	X
	Aeration		Fluoridation	X
	Softening		Iron removal	

Remarks:

Per capita use, 126 gpd.

CHESTER

Chester County

Source(s) of supply: Catawba River

Population served: 18,200

Average pumpage: 2.7 mgd

Rank in size: 31

Plant capacity: 7.2 mgd Storage (mil gal): El 0.10 Gr 2.85

Treatment:	Filtration	X	Phosphate	
	Chlorination	X	pH adjustment	X
	Aeration		Fluoridation	X
	Softening		Iron removal	

Remarks:

Pumpage includes water sold to smaller systems. Per capita use, about 145 gpd.

EDGEFIELD COUNTY WATER AND SEWER AUTHORITY

Edgefield County

Source(s) of supply: Savannah River

Population served: 16,430

Average pumpage: 2.6 mgd

Rank in size: Tied for 32

Plant capacity: 4.4 mgd Storage (mil gal): El 1.20 Gr 1.30

Treatment:	Filtration	X	Phosphate	
	Chlorination	X	pH adjustment	X
	Aeration		Fluoridation	X
	Softening		Iron removal	

Remarks:

Per capita use, 158 gpd.

FOREST BEACH PUBLIC SERVICE DISTRICT (HILTON HEAD ISLAND)

Beaufort County

Source(s) of supply: Three wells, 200-221 ft deep, in the Floridan aquifer

Population served: 5,000

Average pumpage: 2.6 mgd

Rank in size: Tied for 32

Plant capacity: 3.5 mgd Storage (mil gal): El 0.10 Gr 3.00 Press. tank 0.02

Treatment:	Filtration	Phosphate
	Chlorination X	pH adjustment
	Aeration	Fluoridation
	Softening	Iron removal

Remarks:

Per capita use, 520 gpd.

WOODRUFF-ROEBUCK WATER DISTRICT

Spartanburg County

Source(s) of supply: Purchased from Spartanburg

Population served: 14,313

Average pumpage: 2.6 mgd

Rank in size: Tied for 32

Plant capacity: 2.7 mgd Storage (mil gal): El 1.25 Gr 0.62

Treatment:	Filtration	Phosphate
	Chlorination X	pH adjustment
	Aeration	Fluoridation
	Softening	Iron removal

Remarks:

Per capita use, 182 gpd.

CHERAW

Chesterfield County

Source(s) of supply: Great Pee Dee River

Population served: 7,050

Average pumpage: 2.5 mgd

Rank in size: Tied for 35

Plant capacity: 6.0 mgd Storage (mil gal): El 1.30 Gr 0.75

Treatment:	Filtration	X	Phosphate	
	Chlorination		pH adjustment	X
	Aeration		Fluoridation	X
	Softening		Iron removal	

Remarks:

Per capita use, 355 gpd.

PICKENS

Pickens County

Source(s) of supply: Twelve-Mile Creek and Haygood Creek

Population served: 9,240

Average pumpage: 2.5 mgd

Rank in size: Tied for 35

Plant capacity: 4.5 mgd Storage (mil gal): El 2.25 Gr 0.20

Treatment:	Filtration	X	Phosphate	
	Chlorination	X	pH adjustment	X
	Aeration		Fluoridation	X
	Softening		Iron removal	

Remarks:

Pumpage includes water sold to smaller systems. Per capita use, about 170 gpd.

LAURENS

Laurens County

Source(s) of supply: Reedy Creek

Population served: 15,950

Average pumpage: 2.4 mgd

Rank in size: 37

Plant capacity: 8.0 mgd Storage (mil gal): El 3.15 Gr 1.50

Treatment:	Filtration	X	Phosphate
	Chlorination	X	pH adjustment
	Aeration		Fluoridation
	Softening		Iron removal

Remarks:

Pumpage includes water sold to smaller systems. Per capita use, about 80 gpd.

BARNWELL

Barnwell County

Source(s) of supply: Eleven wells, 252-365 ft deep, in Floridan aquifer equivalent

Population served: 6,675

Average pumpage: 2.3 mgd

Rank in size: Tied for 38

Plant capacity: 4.8 mgd Storage (mil gal): El 0.42 Gr 0

Treatment:	Filtration		Phosphate
	Chlorination		pH adjustment
	Aeration		Fluoridation
	Softening		Iron removal

Remarks:

Per capita use, 345 gpd.

LIBERTY-CHESNEE-FINGERVILLE WATER DISTRICT

Spartanburg County

Source(s) of supply: Purchased from Spartanburg

Population served: 13,100

Average pumpage: 2.3 mgd

Rank in size: Tied for 38

Plant capacity: 5.0 mgd Storage (mil gal): El 1.13 Gr 0

Treatment:	Filtration	Phosphate
	Chlorination	pH adjustment
	Aeration	Fluoridation
	Softening	Iron removal

Remarks:

Treatment by Spartanburg. Per capita use, 176 gpd.

LANCASTER COUNTY WATER SUPPLY DISTRICT

Lancaster County

Source(s) of supply: Upper and Lower Bear Creek Reservoirs

Population served: 22,878

Average pumpage: 2.2 mgd

Rank in size: 40

Plant capacity: 3.3 mgd Storage (mil gal): El 2.62 Gr 0.90

Treatment:	Filtration	X	Phosphate	X
	Chlorination	X	pH adjustment	X
	Aeration		Fluoridation	X
	Softening		Iron removal	

Remarks:

Pumpage includes water sold to smaller systems. Per capita use, about 93 gpd.

BELTON-HONEA PATH WATER AUTHORITY

Anderson County

Source(s) of supply: Saluda River

Population served: 15,700

Average pumpage: 2.1 mgd

Rank in size: Tied for 41

Plant capacity: 4.0 mgd Storage (mil gal): El 0.30 Gr 1.25

Treatment:	Filtration	X	Phosphate	
	Chlorination	X	pH adjustment	X
	Aeration		Fluoridation	X
	Softening		Iron removal	

Remarks:

Authority sells water to the towns of Belton and Honea Path and the Donalds-Due West Water Authority. Per capita use, 134 gpd.

CAMDEN

Kershaw County

Source(s) of supply: Little Pine Tree Creek and one seldom-used well, 92 ft deep, in a Cretaceous aquifer.

Population served: 18,000

Average pumpage: 2.1 mgd

Rank in size: Tied for 41

Plant capacity: 4.0 mgd Storage (mil gal): El 0.93 Gr 1.12

Treatment:	Filtration	X	Phosphate	X
	Chlorination	X	pH adjustment	X
	Aeration		Fluoridation	X
	Softening		Iron removal	

Remarks:

Per capita use, 117 gpd.



CLINTON

Laurens County

Source(s) of supply: Duncan Creek and Enoree River

Population served: 11,528

Average pumpage: 2.1 mgd

Rank in size: Tied for 41

Plant capacity: 6.0 mgd Storage (mil gal): El 1.75 Gr 1.75

Treatment:	Filtration	X	Phosphate
	Chlorination	X	pH adjustment
	Aeration		Fluoridation
	Softening		Iron removal

Remarks:

Per capita use, 182 gpd.

DARLINGTON COUNTY WATER AND SEWER AUTHORITY

Darlington County

Source(s) of supply: Five wells, 400-492 ft deep, in Cretaceous aquifers

Population served: 22,320

Average pumpage: 2.1 mgd

Rank in size: Tied for 41

Plant capacity: 3.6 mgd Storage (mil gal): El 1.40 Gr 1.10

Treatment:	Filtration		Phosphate
	Chlorination	X	pH adjustment
	Aeration		Fluoridation
	Softening		Iron removal

Remarks:

Per capita use, 99 gpd.

WESTMINSTER

Oconee County

Source(s) of supply: Chauga River and Ramsey Creek

Population served: 8,410

Average pumpage: 2.1 mgd

Rank in size: Tied for 41

Plant capacity: 4.0 mgd Storage (mil gal): El 0.35 Gr 2.00 Press. tank 0.001

Treatment:	Filtration	X	Phosphate
	Chlorination	X	pH adjustment X
	Aeration		Fluoridation X
	Softening		Iron removal

Remarks:

Pumpage includes water sold to smaller systems. Per capita use, about 162 gpd.

ABBEVILLE

Abbeville County

Source(s) of supply: Rocky River - R.B. Russell Reservoir

Population served: 6,600

Average pumpage: 2.0 mgd

Rank in size: Tied for 46

Plant capacity: 9.0 mgd Storage (mil gal): El 1.45 Gr 1.15

Treatment:	Filtration	X	Phosphate
	Chlorination	X	pH adjustment X
	Aeration		Fluoridation X
	Softening		Iron removal

Remarks:

Per capita use, 303 gpd. Much of water supply is used by industry.

CAYCE

Lexington County

Source(s) of supply: Congaree Creek

Population served: 17,400

Average pumpage: 2.0 mgd

Rank in size: Tied for 46

Plant capacity: 5.2 mgd Storage (mil gal): El 2.65 Gr 1.50

Treatment:	Filtration	X	Phosphate	X
	Chlorination	X	pH adjustment	X
	Aeration		Fluoridation	X
	Softening		Iron removal	

Remarks:

Per capita use, 115 gpd.

GEORGETOWN

Georgetown County

Source(s) of supply: Two wells, 758-800 ft deep, in Cretaceous aquifers; and purchased water from the International Paper Co.

Population served: 10,488

Average pumpage: 2.0 mgd

Rank in size: Tied for 46

Plant capacity: 6.6 mgd Storage (mil gal): El 1.07 Gr 3.00

Treatment:	Filtration	X	Phosphate	
	Chlorination	X	pH adjustment	X
	Aeration		Fluoridation	
	Softening		Iron removal	

Remarks:

Purchased water is from the Great Pee Dee River. Per capita use, 191 gpd.

INMAN-CAMPOBELLO WATER DISTRICT

Spartanburg County

Source(s) of supply: Purchased from Spartanburg

Population served: 15,660

Average pumpage: 2.0 mgd

Rank in size: Tied for 46

Plant capacity: 4.3 mgd Storage (mil gal): El 0.50 Gr 1.50

Treatment:	Filtration	Phosphate
	Chlorination	pH adjustment
	Aeration	Fluoridation
	Softening	Iron removal

Remarks:

Treatment by Spartanburg. Per capita use, 128 gpd.

CONWAY

Horry County

Source(s) of supply: Eight wells, 710-800 ft deep in Cretaceous aquifers

Population served: 14,871

Average pumpage: 1.9 mgd

Rank in size: Tied for 50

Plant capacity: 2.5 mgd Storage (mil gal): El 1.00 Gr

Treatment:	Filtration	Phosphate
	Chlorination X	pH adjustment
	Aeration	Fluoridation
	Softening	Iron removal

Remarks:

Per capita use, 128 gpd.

HILTON HEAD NO. 1 PUBLIC SERVICE DISTRICT

Beaufort County

Source(s) of supply: Four wells, 200-240 ft deep, in the Floridan aquifer

Population served: 4,500

Average pumpage: 1.9 mgd

Rank in size: Tied for 50

Plant capacity: 2.7 mgd Storage (mil gal): El 0.30 Gr 2.00 Press. tank 0.01

Treatment:	Filtration	Phosphate
	Chlorination X	pH adjustment
	Aeration	Fluoridation
	Softening	Iron removal

Remarks:

Per capita use, 422 gpd.

WACCAMAW NECK WATER DISTRICT

Georgetown County

Source(s) of supply: Nine wells, 557-718 ft deep, in Cretaceous aquifers

Population served: 20,141

Average pumpage: 1.9 mgd

Rank in size: Tied for 50

Plant capacity: 2.5 mgd Storage (mil gal): El 0.75 Gr 0 Press. tank 0.01

Treatment:	Filtration	Phosphate
	Chlorination X	pH adjustment
	Aeration	Fluoridation
	Softening	Iron removal

Remarks:

Per capita use, 94 gpd.

BENNETTSVILLE

Marlboro County

Source(s) of supply: Nine wells, 182-440 ft deep, in Cretaceous aquifers;  
and Lake Paul Wallace

Population served: 10,212

Average pumpage: 1.8 mgd

Rank in size: Tied for 53

Plant capacity: 5.0 mgd Storage (mil gal): El 0.87 Gr 1.50

Treatment:	Filtration	Phosphate	X
	Chlorination X	pH adjustment	X
	Aeration	Fluoridation	X
	Softening	Iron removal	

Remarks:

Per capita use, 176 gpd.

NAVAL WEAPONS STATION

Charleston County

Source(s) of supply: Purchased from Charleston

Population served: 1,618 (Resident)

Average pumpage: 1.8 mgd

Rank in size: Tied for 53

Plant capacity: 0 mgd Storage (mil gal): El 2.25 Gr 0

Treatment:	Filtration	Phosphate	
	Chlorination	pH adjustment	
	Aeration	Fluoridation	
	Softening	Iron removal	

Remarks:

Treatment by Charleston.

BEAUFORT

Beaufort County

Source(s) of supply: Purchased from Beaufort-Jasper County Water Authority

Population served: 20,000

Average pumpage: 1.7 mgd

Rank in size: Tied for 55

Plant capacity: 15 mgd Storage (mil gal): El 1.50 Gr 0

Treatment:	Filtration	Phosphate
	Chlorination X	pH adjustment
	Aeration	Fluoridation
	Softening	Iron removal

Remarks:

City has some wells, in Floridan aquifer, used mainly for standby purposes.  
Per capita use, 85 gpd.

BROAD CREEK PUBLIC SERVICE DISTRICT

Beaufort County

Source(s) of supply: Three wells, 200 ft deep, in the Floridan aquifer

Population served: 5,000

Average pumpage: 1.7 mgd

Rank in size: Tied for 55

Plant capacity: 2.2 mgd Storage (mil gal): El 0.50 Gr 0

Treatment:	Filtration	Phosphate
	Chlorination X	pH adjustment
	Aeration	Fluoridation
	Softening	Iron removal

Remarks:

Per capita use, 340 gpd.

LANCASTER

Lancaster County

Source(s) of supply: Purchased from Springs-Grace Filter Plant

Population served: 21,000

Average pumpage: 1.7 mgd

Rank in size: Tied for 55

Plant capacity: 2.4 mgd Storage (mil gal): El 0.97 Gr 1.00

Treatment:	Filtration	Phosphate
	Chlorination	pH adjustment
	Aeration	Fluoridation X
	Softening	Iron removal

Remarks:

Per capita use, 81 gpd.

PARRIS ISLAND MARINE BASE

Beaufort County

Source(s) of supply: Purchased from Beaufort-Jasper County Water Authority

Population served: 10,000

Average pumpage: 1.6 mgd

Rank in size: 58

Plant capacity: 0 mgd Storage (mil gal): El 0.50 Gr 1.50

Treatment:	Filtration	Phosphate
	Chlorination	pH adjustment
	Aeration	Fluoridation
	Softening	Iron removal

Remarks:

Treatment by Water Authority. Per capita use, 160 gpd.



BATESBURG

Lexington County

Source(s) of supply: Lightwood Knot and Duncan Creeks

Population served: 6,000

Average pumpage: 1.5 mgd

Rank in size: Tied for 59

Plant capacity: 2.1 mgd Storage (mil gal): El 0.17 Gr 0.60

Treatment:	Filtration	X	Phosphate	X
	Chlorination	X	pH adjustment	X
	Aeration		Fluoridation	X
	Softening		Iron removal	

Remarks:

Per capita use, 250 gpd.

HILTON HEAD PLANTATION

Beaufort County

Source(s) of supply: Five wells, 200-213 ft deep, in the Floridan aquifer

Population served: 5,138

Average pumpage: 1.5 mgd

Rank in size: Tied for 59

Plant capacity: 3.35 mgd Storage (mil gal): El 0.33 Gr 0 Press. tank 0.03

Treatment:	Filtration		Phosphate	
	Chlorination	X	pH adjustment	
	Aeration		Fluoridation	
	Softening		Iron removal	

Remarks:

Per capita use, 292 gpd.

SALUDA-VALLEY-POWDERSVILLE WATER CO.

Anderson County

Source(s) of supply: Purchased from Easley

Population served: 15,024

Average pumpage: 1.5 mgd

Rank in size: Tied for 59

Plant capacity: 2.3 mgd Storage (mil gal): El 0.90 Gr 0

Treatment:	Filtration	Phosphate
	Chlorination	pH adjustment
	Aeration	Fluoridation
	Softening	Iron removal

Remarks:

Treatment by Easley. Per capita use, 100 gpd.

WINNSBORO

Fairfield County

Source(s) of supply: 192-acre reservoir on Campbell Creek

Population served: 9,000

Average pumpage: 1.5 mgd

Rank in size: Tied for 59

Plant capacity: 4.0 mgd Storage (mil gal): El 2.40 Gr 0.45

Treatment:	Filtration	X	Phosphate	
	Chlorination	X	pH adjustment	X
	Aeration		Fluoridation	X
	Softening		Iron removal	

Remarks:

Pumpage includes water sold to smaller systems. Per capita use, about 165 gpd.

CLEMSON UNIVERSITY

Pickens County

Source(s) of supply: Hartwell Reservoir

Population served: 15,000

Average pumpage: 1.4 mgd

Rank in size: Tied for 63

Plant capacity: 2.8 mgd Storage (mil gal): El 6.60 Gr 1.50

Treatment:	Filtration	X	Phosphate	
	Chlorination	X	pH adjustment	X
	Aeration		Fluoridation	X
	Softening		Iron removal	

Remarks:

Per capita use, 93 gpd.

RABON CREEK RURAL WATER DISTRICT

Laurens County

Source(s) of supply: Purchased from Laurens and Clinton

Population served: 13,842

Average pumpage: 1.4 mgd

Rank in size: Tied for 63

Plant capacity: 0 mgd Storage (mil gal): El 0.75 Gr 0 Press. tank 0.24

Treatment:	Filtration		Phosphate
	Chlorination		pH adjustment
	Aeration		Fluoridation
	Softening		Iron removal

Remarks:

Treatment by Laurens. Per capita use, 101 gpd.

WALHALLA

Oconee County

Source(s) of supply: Coneross Creek

Population served: 11,393

Average pumpage: 1.4 mgd

Rank in size: Tied for 63

Plant capacity: 3.0 mgd Storage (mil gal): El 0.55 Gr 0.30 Press. tank 0.005

Treatment:	Filtration	X	Phosphate	X
	Chlorination	X	pH adjustment	X
	Aeration		Fluoridation	X
	Softening		Iron removal	

Remarks:

Per capita use, 123 gpd.

ANDREWS

Georgetown County

Source(s) of supply: Four wells, 768-820 ft deep, in Cretaceous aquifers

Population served: 4,016

Average pumpage: 1.2 mgd

Rank in size: Tied for 66

Plant capacity: 1.2 mgd Storage (mil gal): El 1.12 Gr 0.30

Treatment:	Filtration		Phosphate	
	Chlorination	X	pH adjustment	
	Aeration		Fluoridation	
	Softening		Iron removal	

Remarks:

Per capita use, 299 gpd.

DILLON

Dillon County

Source(s) of supply: Three wells, 289-338 ft deep, in Cretaceous aquifers

Population served: 8,000

Average pumpage: 1.2 mgd

Rank in size: Tied for 66

Plant capacity: 2.1 mgd Storage (mil gal): El 0.62 Gr 0.43

Treatment:	Filtration	X	Phosphate	X
	Chlorination	X	pH adjustment	
	Aeration	X	Fluoridation	X
	Softening		Iron removal	X

Remarks:

Per capita use, 150 gpd.

GOOSE CREEK

Berkeley County

Source(s) of supply: Purchased from Charleston

Population served: 14,190

Average pumpage: 1.2 mgd

Rank in size: Tied for 66

Plant capacity: 0 mgd Storage (mil gal): El 0.50 Gr 0

Treatment:	Filtration		Phosphate	
	Chlorination		pH adjustment	
	Aeration		Fluoridation	
	Softening		Iron removal	

Remarks:

Treatment by Charleston. Per capita use, 85 gpd.

MARION

Marion County

Source(s) of supply: Four wells, 450-744 ft deep, in Cretaceous aquifers

Population served: 11,520

Average pumpage: 1.2 mgd

Rank in size: Tied for 66

Plant capacity: 1.4 mgd Storage (mil gal): El 0.70 Gr 0.54

Treatment:	Filtration	Phosphate	X
	Chlorination	pH adjustment	
	Aeration	Fluoridation	X
	Softening	Iron removal	

Remarks:

Per capita use, 104 gpd.

SANDY SPRINGS WATER CO.

Anderson County

Source(s) of supply: Purchased from Anderson

Population served: 7,084

Average pumpage: 1.2 mgd

Rank in size: Tied for 66

Plant capacity: 4.6 mgd Storage (mil gal): El 0.60 Gr 0

Treatment:	Filtration	Phosphate	
	Chlorination	pH adjustment	
	Aeration	Fluoridation	
	Softening	Iron removal	

Remarks:

Treatment by Anderson. Per capita use, 169 gpd.

BERKELEY COUNTY WATER AND SEWER AUTHORITY

Berkeley County

Source(s) of supply: Eight wells, 226-420 ft deep, in the Black Mingo Formation and Floridan aquifer; and water purchased from Charleston

Population served: 15,000

Average pumpage: 1.1 mgd

Rank in size: Tied for 71

Plant capacity: 2.6 mgd Storage (mil gal): El 0.50 Gr 0

Treatment:	Filtration		Phosphate
	Chlorination	X	pH adjustment
	Aeration		Fluoridation
	Softening	X	Iron removal

Remarks:

This public supply comprises the Sangaree, Land-o-Pines, and Conifer Hall systems. Part of the water is chlorinated, part is softened, and part is treated by Charleston. Per capita use, 75 gpd.

HARTSVILLE

Darlington County

Source(s) of supply: Four wells, 150-300 ft deep, in Cretaceous aquifers

Population served: 10,500

Average pumpage: 1.1 mgd

Rank in size: Tied for 71

Plant capacity: 3.1 mgd Storage (mil gal): El 1.05 Gr 0.50

Treatment:	Filtration		Phosphate
	Chlorination	X	pH adjustment X
	Aeration		Fluoridation X
	Softening		Iron removal

Remarks:

Per capita use, 105 gpd.

MARCO RURAL WATER CO.

Marion County

Source(s) of supply: Five wells, 299-476 ft deep, in Cretaceous aquifers

Population served: 7,840

Average pumpage: 1.1 mgd

Rank in size: Tied for 71

Plant capacity: 1.9 mgd Storage (mil gal): El 0.45 Gr 0 Press. tank 0.01

Treatment:	Filtration		Phosphate	
	Chlorination	X	pH adjustment	
	Aeration	X	Fluoridation	
	Softening		Iron removal	X

Remarks:

Per capita use, 140 gpd.

WILLIAMSTON

Anderson County

Source(s) of supply: Big and Camp Creeks

Population served: 5,320

Average pumpage: 1.1 mgd

Rank in size: Tied for 71

Plant capacity: 2.0 mgd Storage (mil gal): El 0.50 Gr 0.50

Treatment:	Filtration	X	Phosphate	X
	Chlorination	X	pH adjustment	X
	Aeration		Fluoridation	X
	Softening		Iron removal	

Remarks:

Per capita use, 207 gpd.



EASLEY CENTRAL WATER DISTRICT

Pickens County

Source(s) of supply: Twelve-Mile Creek

Population served: 5,320

Average pumpage: 1.0 mgd

Rank in size: Tied for 75

Plant capacity: 2.0 mgd Storage (mil gal): El 0.25 Gr 0.25

Treatment:	Filtration	X	Phosphate	
	Chlorination	X	pH adjustment	X
	Aeration		Fluoridation	X
	Softening		Iron removal	

Remarks:

Per capita use, 188 gpd.

FORT MILL

York County

Source(s) of supply: Catawba River

Population served: 6,670

Average pumpage: 1.0 mgd

Rank in size: Tied for 75

Plant capacity: 1.9 mgd Storage (mil gal): El 0.35 Gr 2.50

Treatment:	Filtration	X	Phosphate	X
	Chlorination	X	pH adjustment	X
	Aeration		Fluoridation	X
	Softening		Iron removal	

Remarks:

Pumpage includes water sold to smaller systems. Per capita use, about 140 gpd.

JEFFERSON

Chesterfield County

Source(s) of supply: Lynches River

Population served: 800

Average pumpage: 1.0 mgd

Rank in size: Tied for 75

Plant capacity: 1.8 mgd Storage (mil gal): El 0.47 Gr 0.40

Treatment:	Filtration	X	Phosphate	
	Chlorination	X	pH adjustment	X
	Aeration		Fluoridation	X
	Softening		Iron removal	

Remarks:

Per capita use, 1,250 gpd. Much of water supply is used by industry.

LAKE CITY

Florence County

Source(s) of supply: Four wells, 550-600 ft deep, in Cretaceous aquifers

Population served: 7,150

Average pumpage: 1.0 mgd

Rank in size: Tied for 75

Plant capacity: 2.5 mgd Storage (mil gal): El 0.70 Gr 0

Treatment:	Filtration		Phosphate	
	Chlorination	X	pH adjustment	
	Aeration		Fluoridation	
	Softening		Iron removal	

Remarks:

Per capita use, 140 gpd.

MULLINS

Marion County

Source(s) of supply: Eight wells, 318-450 ft deep, in Cretaceous aquifers

Population served: 7,224

Average pumpage: 1.0 mgd

Rank in size: Tied for 75

Plant capacity: 4.3 mgd Storage (mil gal): El 1.00 Gr 0.05

Treatment:	Filtration	Phosphate
	Chlorination X	pH adjustment
	Aeration	Fluoridation
	Softening	Iron removal

Remarks:

Per capita use, 138 gpd.

LIBERTY

Pickens County

Source(s) of supply: Eighteen Mile Creek

Population served: 3,920

Average pumpage: 0.96 mgd

Rank in size: 80

Plant capacity: 2.5 mgd Storage (mil gal): El 0.60 Gr 0.30

Treatment:	Filtration	X	Phosphate
	Chlorination	X	pH adjustment X
	Aeration		Fluoridation X
	Softening		Iron removal

Remarks:

Pumpage includes water sold to smaller systems. Per capita use, about 180 gpd.

GEORGETOWN RURAL COMMUNITY WATER DISTRICT

Georgetown County

Source(s) of supply: Three wells, 678-750 ft deep, in Cretaceous aquifers

Population served: 5,306

Average pumpage: 0.92 mgd

Rank in size: 81

Plant capacity: 1.3 mgd Storage (mil gal): El 0.15 Gr 0

Treatment:	Filtration	Phosphate
	Chlorination X	pH adjustment
	Aeration	Fluoridation
	Softening	Iron removal

Remarks:

Pumpage includes water sold to smaller systems. Per capita use, about 155 gpd.

CLEMSON

Pickens County

Source(s) of supply: Purchased from Anderson

Population served: 8,346

Average pumpage: 0.90 mgd

Rank in size: Tied for 82

Plant capacity: 0 mgd Storage (mil gal): El 0.75 Gr 0

Treatment:	Filtration	Phosphate
	Chlorination	pH adjustment
	Aeration	Fluoridation
	Softening	Iron removal

Remarks:

Treatment by Anderson. Per capita use, 108 gpd.

DARLINGTON

Darlington County

Source(s) of supply: Four wells, 240-450 ft deep, in Cretaceous aquifers

Population served: 7,700

Average pumpage: 0.90 mgd

Rank in size: Tied for 82

Plant capacity: 1.4 mgd Storage (mil gal): El 1.20 Gr 0.60

Treatment:	Filtration		Phosphate	X
	Chlorination	X	pH adjustment	X
	Aeration	X	Fluoridation	
	Softening		Iron removal	X

Remarks:

Per capita use, 117 gpd.

McCORMICK

McCormick County

Source(s) of supply: Strom Thurmond Reservoir

Population served: 2,000

Average pumpage: 0.90 mgd

Rank in size: Tied for 82

Plant capacity: 2.5 mgd Storage (mil gal): El 0.33 Gr 0.35

Treatment:	Filtration	X	Phosphate	
	Chlorination	X	pH adjustment	X
	Aeration		Fluoridation	X
	Softening		Iron removal	

Remarks:

Pumpage includes water sold to smaller systems. Town has a 650-ft well that is seldom used. Per capita use, about 310 gpd. Much of the water supply is used by industry.

UNA WATER DISTRICT

Spartanburg County

Source(s) of supply: Purchased from Spartanburg

Population served: 7,392

Average pumpage: 0.90 mgd

Rank in size: Tied for 82

Plant capacity: 2.5 mgd Storage (mil gal): El 1.00 Gr 0

Treatment:	Filtration	Phosphate
	Chlorination	pH adjustment
	Aeration	Fluoridation
	Softening	Iron removal

Remarks:

Treatment by Spartanburg. Per capita use, 122 gpd.

CHARLESTON AIR FORCE BASE

Charleston County

Source(s) of supply: Purchased from Charleston

Population served: 2,259 (Resident)

Average pumpage: 0.89 mgd

Rank in size: 86

Plant capacity: 0 mgd Storage (mil gal): El 1.00 Gr 0.50

Treatment:	Filtration	Phosphate
	Chlorination	pH adjustment
	Aeration	Fluoridation
	Softening	Iron removal

Remarks:

Treatment by Charleston.

MYRTLE BEACH AIR FORCE BASE

Horry County

Source(s) of supply: Four wells, 642-800 ft deep in Cretaceous aquifers

Population served: 3,184 (Resident)

Average pumpage: 0.88 mgd

Rank in size: 87

Plant capacity: 1.6 mgd Storage (mil gal): El 0.50 Gr

Treatment:	Filtration	Phosphate
	Chlorination X	pH adjustment
	Aeration	Fluoridation
	Softening	Iron removal

Remarks:

KINGSTREE

Williamsburg County

Source(s) of supply: Five wells, 525-944 ft deep, in Cretaceous aquifers

Population served: 8,656

Average pumpage: 0.87 mgd

Rank in size: 88

Plant capacity: 1.71 mgd Storage (mil gal): El 0.40 Gr 0.50

Treatment:	Filtration	Phosphate
	Chlorination X	pH adjustment
	Aeration	Fluoridation
	Softening	Iron removal

Remarks:

Per capita use, 100 gpd.

YORK

York County

Source(s) of supply: Turkey Creek (Lake Caldwell)

Population served: 7,250

Average pumpage: 0.86 mgd

Rank in size: 89

Plant capacity: 2.1 mgd Storage (mil gal): El 0.90 Gr 0.30

Treatment:	Filtration	X	Phosphate	
	Chlorination	X	pH adjustment	X
	Aeration		Fluoridation	X
	Softening		Iron removal	

Remarks:

Per capita use, 119 gpd.

BLUE RIDGE WATER DISTRICT

Greenville County

Source(s) of supply: Purchased from Greer

Population served: 11,625

Average pumpage: 0.80 mgd

Rank in size: Tied for 90

Plant capacity: 0 mgd Storage (mil gal): El 0.10 Gr 0.70 Press. tank 0.005

Treatment:	Filtration		Phosphate	
	Chlorination		pH adjustment	
	Aeration		Fluoridation	
	Softening		Iron removal	

Remarks:

Treatment by Greer. Per capita use, 69 gpd.



MANNING

Clarendon County

Source(s) of supply: Four wells, 418-750 ft deep, in Cretaceous aquifers

Population served: 2,354

Average pumpage: 0.80 mgd

Rank in size: Tied for 90

Plant capacity: 1.9 mgd Storage (mil gal): El 0.80 Gr 0.20

Treatment:	Filtration		Phosphate
	Chlorination	X	pH adjustment
	Aeration		Fluoridation
	Softening		Iron removal

Remarks:

Per capita use, 340 gpd. Much of water supply is used by industry and commercial establishments.

PAGELAND

Chesterfield County

Source(s) of supply: Lake Terry and Old Town Pond

Population served: 4,200

Average pumpage: 0.80 mgd

Rank in size: Tied for 90

Plant capacity: 2.50 mgd Storage (mil gal): El 0.82 Gr 0.20

Treatment:	Filtration	X	Phosphate	X
	Chlorination	X	pH adjustment	X
	Aeration		Fluoridation	X
	Softening		Iron removal	

Remarks:

Per capita use, 190 gpd.

WEST ANDERSON WATER CO.

Anderson County

Source(s) of supply: Purchased from Anderson

Population served: 8,708

Average pumpage: 0.76 mgd

Rank in size: 93

Plant capacity: 1.73 mgd Storage (mil gal): El 0.50 Gr 0

Treatment:	Filtration	Phosphate
	Chlorination	pH adjustment
	Aeration	Fluoridation
	Softening	Iron removal

Remarks:

Treatment by Anderson. Per capita use, 87 gpd.

CENTRAL

Pickens County

Source(s) of supply: Purchased from Easley-Central Water District

Population served: 2,940

Average pumpage: 0.75 mgd

Rank in size: Tied for 94

Plant capacity: 0 mgd Storage (mil gal): El 0.50 Gr 0

Treatment:	Filtration	Phosphate
	Chlorination	pH adjustment
	Aeration	Fluoridation
	Softening	Iron removal

Remarks:

Treatment by Easley-Central Water District. Pumpage includes water sold to smaller systems. Per capita use, about 170 gpd.

DENMARK

Bamberg County

Source(s) of supply: Three wells, 280-302 ft deep, in the Black Mingo Formation

Population served: 4,396

Average pumpage: 0.75 mgd

Rank in size: Tied for 94

Plant capacity: 1.50 mgd Storage (mil gal): El 0.32 Gr 0.12

Treatment:	Filtration	Phosphate
	Chlorination X	pH adjustment
	Aeration	Fluoridation X
	Softening	Iron removal

Remarks:

Per capita use, 170 gpd.

LUGOFF WATER DISTRICT

Kershaw County

Source(s) of supply: Lake Wateree

Population served: 5,250

Average pumpage: 0.75 mgd

Rank in size: Tied for 94

Plant capacity: 1.15 mgd Storage (mil gal): El 0.22 Gr 0.50

Treatment:	Filtration X	Phosphate
	Chlorination X	pH adjustment X
	Aeration	Fluoridation X
	Softening	Iron removal

Remarks:

Per capita use, 143 gpd.

PIONEER RURAL WATER DISTRICT

Oconee County

Source(s) of supply: Purchased from Westminster

Population served: 4,973

Average pumpage: 0.74 mgd

Rank in size: 97

Plant capacity: 1.9 mgd Storage (mil gal): El 0.50 Gr 0.15

Treatment:	Filtration	Phosphate
	Chlorination	pH adjustment
	Aeration	Fluoridation
	Softening	Iron removal

Remarks:

Treatment by Westminster. Per capita use, 149 gpd.

PORT ROYAL

Beaufort County

Source(s) of supply: Purchased from Beaufort-Jasper County Water Authority

Population served: 6,899

Average pumpage: 0.72 mgd

Rank in size: 98

Plant capacity: 0 mgd Storage (mil gal): El 0.06 Gr 0

Treatment:	Filtration	Phosphate
	Chlorination	pH adjustment
	Aeration	Fluoridation
	Softening	Iron removal

Remarks:

Treatment by Beaufort-Jasper County Water Authority. Per capita use, 104 gpd.

LEXINGTON

Lexington County

Source(s) of supply: Twelve Mile Creek

Population served: 5,800

Average pumpage: 0.70 mgd

Rank in size: Tied for 99

Plant capacity: 2.1 mgd Storage (mil gal): El 0.55 Gr 0.40

Treatment:	Filtration	X	Phosphate	X
	Chlorination	X	pH adjustment	X
	Aeration		Fluoridation	X
	Softening		Iron removal	

Remarks:

Per capita use, 121 gpd.

SURFSIDE BEACH

Horry County

Source(s) of supply: Three wells, 620-650 ft deep, in Cretaceous aquifers

Population served: 6,948

Average pumpage: 0.70 mgd

Rank in size: Tied for 99

Plant capacity: 1.4 mgd Storage (mil gal): El 0.50 Gr 0 Press. tank 0.05

Treatment:	Filtration		Phosphate	
	Chlorination	X	pH adjustment	
	Aeration		Fluoridation	
	Softening		Iron removal	

Remarks:

Per capita use, 101 gpd.