

Watershed Summary Information

Accounting Unit Name:	Savannah
State(s):	SC NC
Political Boundaries:	Pickens, Oconee, Anderson, Transylvania, Jackson, Hart
Major Waterways:	Seneca R Keowee R Cane Cr L Keowee Hartwell Res
Number of Stations in Watershed:	Tier1 - 10 Tier2 - 3 Tier3 - 3

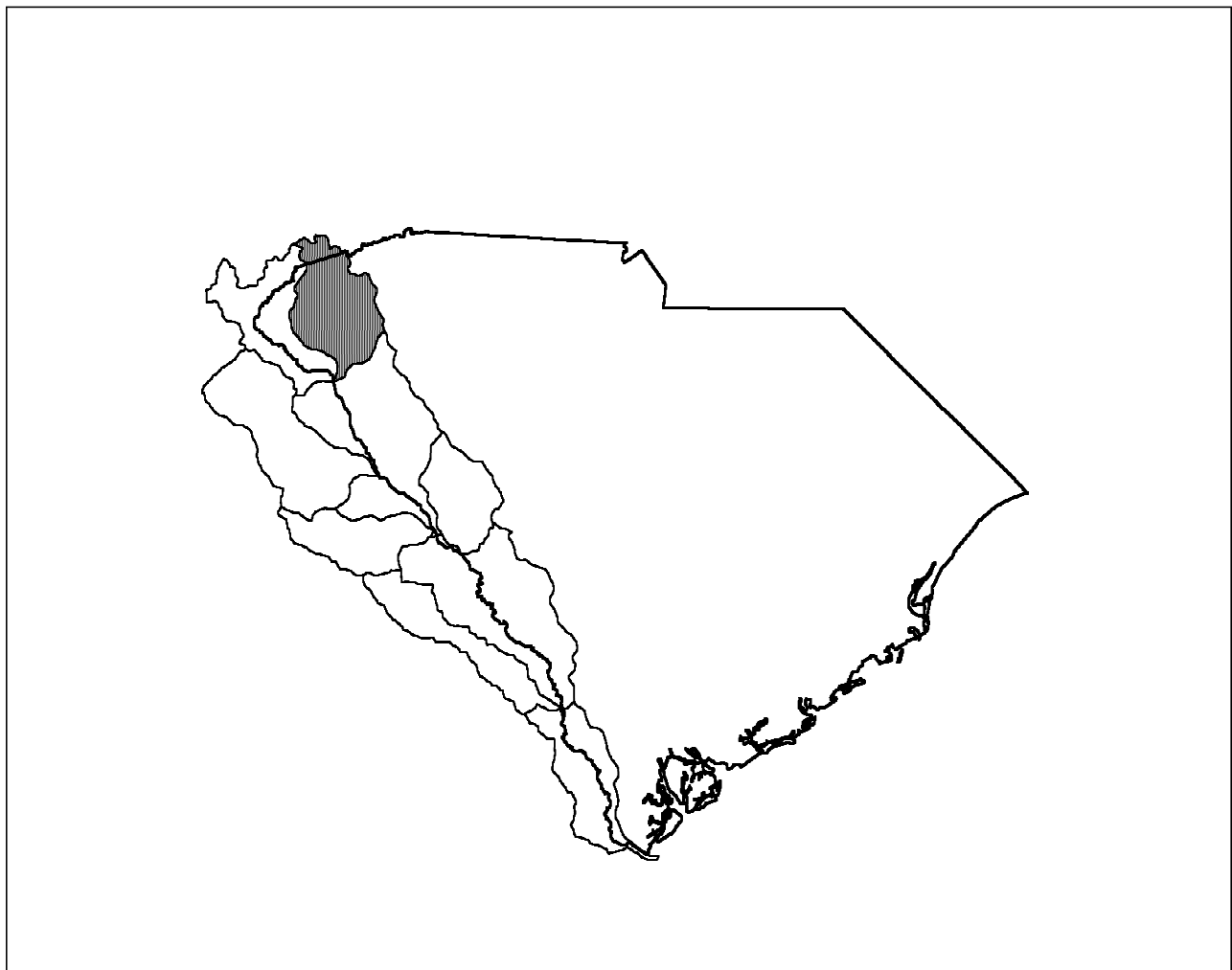


Figure 29. Watershed Location Map

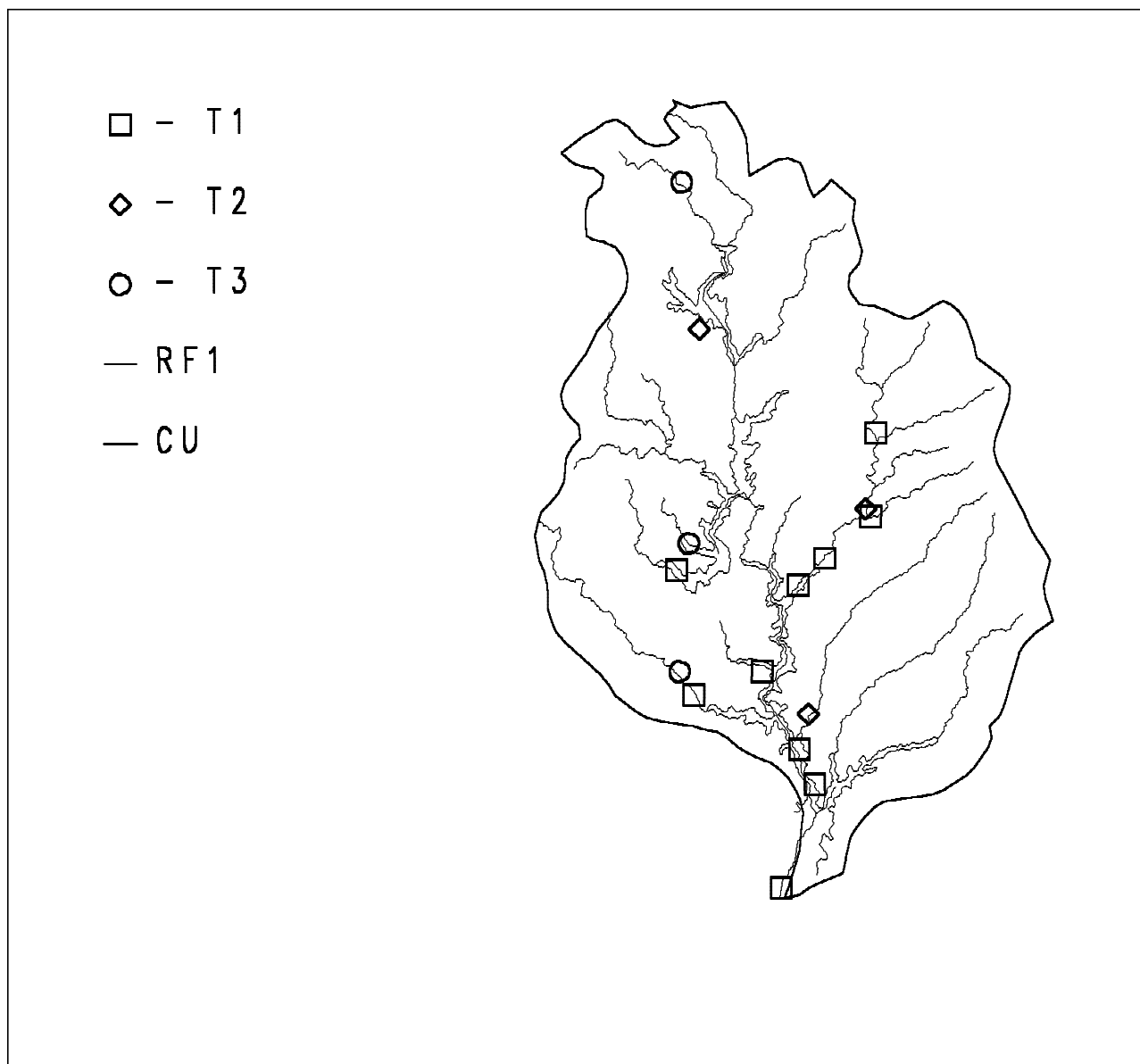


Figure 30. Major Waterways and Location of Sampling Stations

Data Source(s) Used in Evaluation

Source: **STORET** Agency: **21NC01WQ**
 Monitoring Program: **N.Carolina Dept of Natural Resources And Community Developmnt Data**
 Num. of Stations: 1 Date Range: 1985

Source: **STORET** Agency: **21SC60WQ**
 Monitoring Program: **SC Dept of Health & Environmental Control Biostoret Data**
 Num. of Stations: 15 Date Range: 1980-93

Chemicals Responsible for Sampling Station Classification as Tier 1 or Tier 2

Classifying Parameter	Number of Stations							
	All Parameters				Aquatic Life		Human Health	
	Total	T.1&2	Tier1	Tier2	Tier1	Tier2	Tier1	Tier2
Polychlorinated biphenyls	13	11	9	2	6	2	6	5
Copper	12	6	.	6	.	6	.	.
Lead	11	6	.	6	.	2	.	4
DDT	10	3	3	.	3	.	.	3
Cadmium	11	3	.	3	.	3	.	.
Nickel	9	3	.	3	.	3	.	.
Mercury	11	2	1	1	1	1	.	.
Chromium	11	2	.	2	.	2	.	.
Zinc	12	2	.	2	.	2	.	.
Arsenic	2	1	1	.	1	.	.	.
BHC	10	1	.	1	.	.	.	1
Toxaphene	10	1	.	1	.	1	.	1

Sediment Chemistry Data: Chemical Summary

Sediment Parameter	Total Observations			Detected Observations		
	Num.	Mean (ppb)	Median (ppb)	Num.	Max (ppb)	Min (ppb)
Acenaphthene	1	0.00	0.00	0	.	.
Acenaphthylene	1	0.00	0.00	0	.	.
Aldrin	51	0.00	0.00	0	.	.
Anthracene	1	0.00	0.00	0	.	.
Arsenic	2	315000.0	315000.0	1	630000.0	630000.0
Benzo(a)anthracene	1	0.00	0.00	0	.	.
Benzo(a)pyrene	1	0.00	0.00	0	.	.
Benzo(b)fluoranthene	1	0.00	0.00	0	.	.
Benzo(ghi)perylene	1	0.00	0.00	0	.	.
Benzo(k)fluoranthene	1	0.00	0.00	0	.	.
Benzoic acid	1	0.00	0.00	0	.	.
Benzyl alcohol	1	0.00	0.00	0	.	.
Bis(2-ethylhexyl)phthalate	1	0.00	0.00	0	.	.
Bromophenyl phenyl ether, 4-	1	0.00	0.00	0	.	.
BHC	117	0.00	0.00	0	.	.
Cadmium	55	1005.45	0.00	4	50000.00	1500.00
Chlordane	33	0.00	0.00	0	.	.
Chromium	55	35572.73	16000.00	51	210000.0	2900.00
Chrysene	1	0.00	0.00	0	.	.
Copper	57	24768.42	9500.00	42	720000.0	1000.00
Diazinon/Spectracide	43	0.00	0.00	0	.	.
Dibenzo(a,h)anthracene	1	0.00	0.00	0	.	.
Dibenzofuran	1	0.00	0.00	0	.	.
Dichlorobenzene, 1,2-	1	0.00	0.00	0	.	.

Sediment Parameter	Total Observations			Detected Observations		
	Num.	Mean (ppb)	Median (ppb)	Num.	Max (ppb)	Min (ppb)
Dichlorobenzene, 1,3-	1	0.00	0.00	0	.	.
Dichlorobenzene, 1,4-	1	0.00	0.00	0	.	.
Dieldrin	51	0.00	0.00	0	.	.
Diethyl phthalate	1	0.00	0.00	0	.	.
Dimethyl phthalate	1	0.00	0.00	0	.	.
Dimethylphenol, 2,4-	1	0.00	0.00	0	.	.
DDT	301	0.65	0.00	7	45.70	16.00
Endosulfan, alpha-	33	0.00	0.00	0	.	.
Endosulfan, beta-	33	0.00	0.00	0	.	.
Endrin	51	0.00	0.00	0	.	.
Ethion/Bladen	43	0.55	0.00	1	23.80	23.80
Fluoranthene	1	0.00	0.00	0	.	.
Fluorene	1	0.00	0.00	0	.	.
Heptachlor	51	0.00	0.00	0	.	.
Heptachlor epoxide	51	0.00	0.00	0	.	.
Hexachlorobenzene	27	0.00	0.00	0	.	.
Hexachlorobutadiene	1	0.00	0.00	0	.	.
Hexachloroethane	1	0.00	0.00	0	.	.
Indeno(1,2,3-cd)pyrene	1	0.00	0.00	0	.	.
Isophorone	1	0.00	0.00	0	.	.
Lead	55	12036.36	0.00	26	110000.0	5000.00
Malathion	43	0.00	0.00	0	.	.
Mercury	55	120.91	0.00	3	6250.00	200.00
Methoxychlor	49	0.00	0.00	0	.	.
Methylnaphthalene, 2-	1	0.00	0.00	0	.	.
Mirex/Dechlorane	33	0.00	0.00	0	.	.
Naphthalene	1	0.00	0.00	0	.	.
Nickel	55	7172.73	6000.00	37	40000.00	2000.00
Nitrosodiphenylamine, N-	1	0.00	0.00	0	.	.
Pentachlorophenol	1	0.00	0.00	0	.	.
Phenanthrene	1	0.00	0.00	0	.	.
Phenol	1	0.00	0.00	0	.	.
Polychlorinated biphenyls	249	561.04	0.00	49	64300.00	11.70
Pyrene	1	0.00	0.00	0	.	.
Toxaphene	51	8.12	0.00	1	414.00	414.00
Trichlorobenzene, 1,2,4-	1	0.00	0.00	0	.	.
Zinc	53	51833.96	30000.00	51	200000.0	3100.00

Tissue Residue Data: Chemical Summary

Tissue Parameter	Total Observations			Detected Observations		
	Num.	Mean (ppb)	Median (ppb)	Num.	Max (ppb)	Min (ppb)
Aldrin	12	0.00	0.00	0	.	.
BHC	28	2.21	0.00	3	33.00	6.00
Cadmium	13	0.00	0.00	0	.	.
Chlordane	12	0.65	0.00	1	7.80	7.80
Chromium	13	453.08	0.00	5	1500.00	790.00
Copper	13	620.00	460.00	7	2000.00	460.00
Diazinon/Spectracide	2	0.00	0.00	0	.	.
Dieldrin	12	0.00	0.00	0	.	.
DDT	56	22.31	0.00	27	142.00	5.20
Endosulfan, alpha-	1	0.00	0.00	0	.	.
Endosulfan, beta-	1	0.00	0.00	0	.	.
Endrin	12	0.53	0.00	1	6.40	6.40
Ethion/Bladen	2	0.00	0.00	0	.	.
Heptachlor	6	0.00	0.00	0	.	.
Heptachlor epoxide	6	0.00	0.00	0	.	.
Hexachlorobenzene	12	0.00	0.00	0	.	.
Lead	13	1823.08	2000.00	11	3900.00	1200.00
Malathion	2	0.00	0.00	0	.	.
Mercury	13	19.23	0.00	1	250.00	250.00
Methoxychlor	12	0.00	0.00	0	.	.
Mirex/Dechlorane	12	0.00	0.00	0	.	.
Nickel	4	985.00	970.00	3	2000.00	540.00
Parathion ethyl	2	0.00	0.00	0	.	.
Polychlorinated biphenyls	73	4835.05	1920.00	60	43900.00	160.00
Tin	1	0.00	0.00	0	.	.
Toxaphene	12	0.00	0.00	0	.	.
Zinc	13	24184.62	16000.00	13	78000.00	10800.00