

4.2.1. 06010201220.

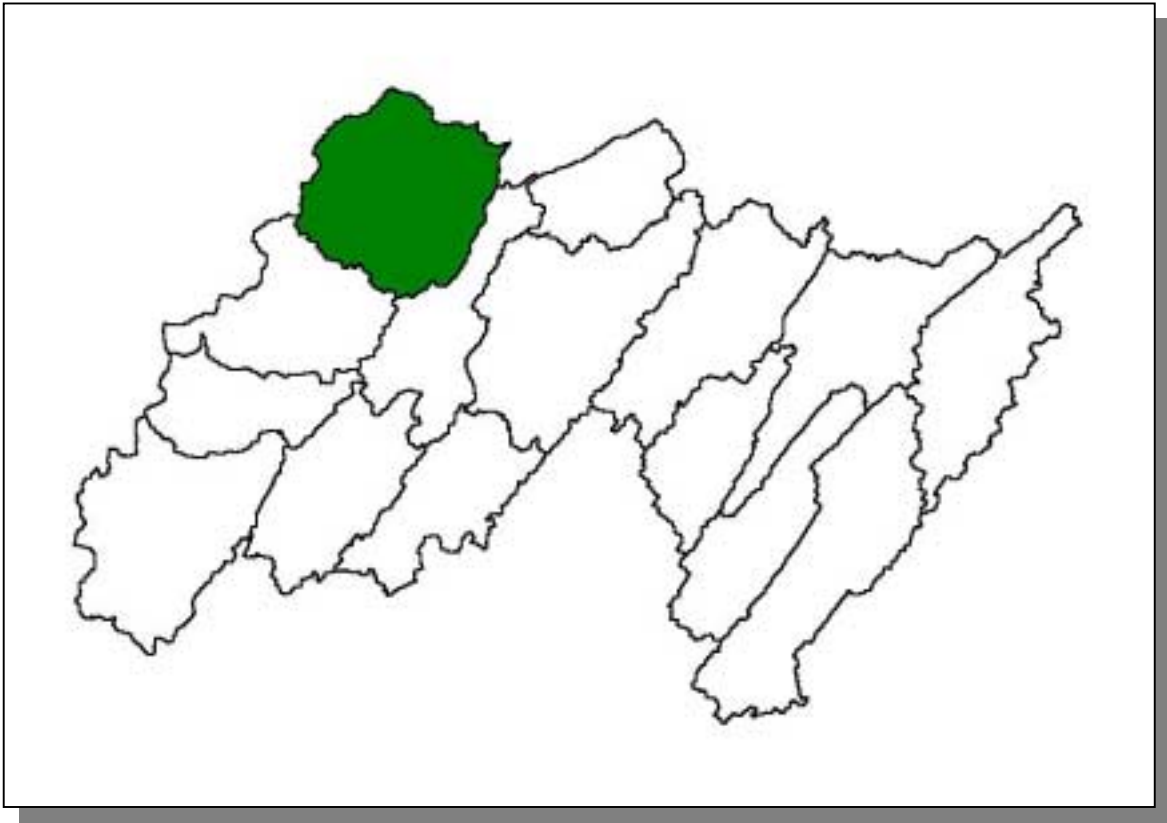


Figure 4-44. Location of Subwatershed 06010201220. All Watts Bar HUC-14 subwatershed boundaries are shown for reference.

4.2.1.i. General Description.

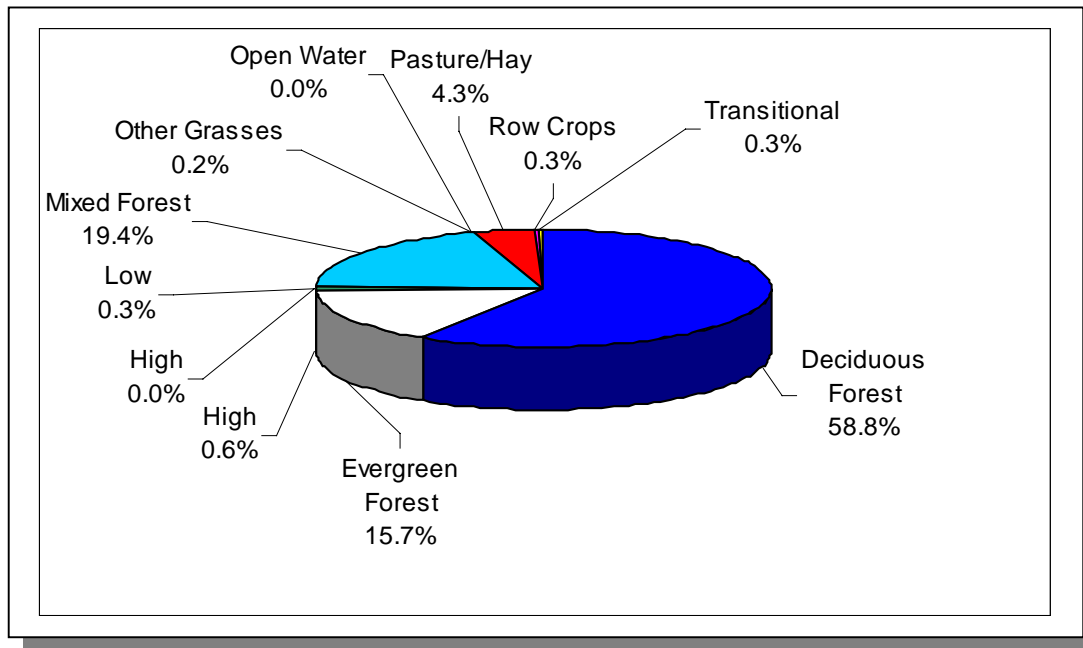


Figure 4-45. Land Use Distribution in Subwatershed 06010201220. More information is provided in Watts Bar-Appendix IV.

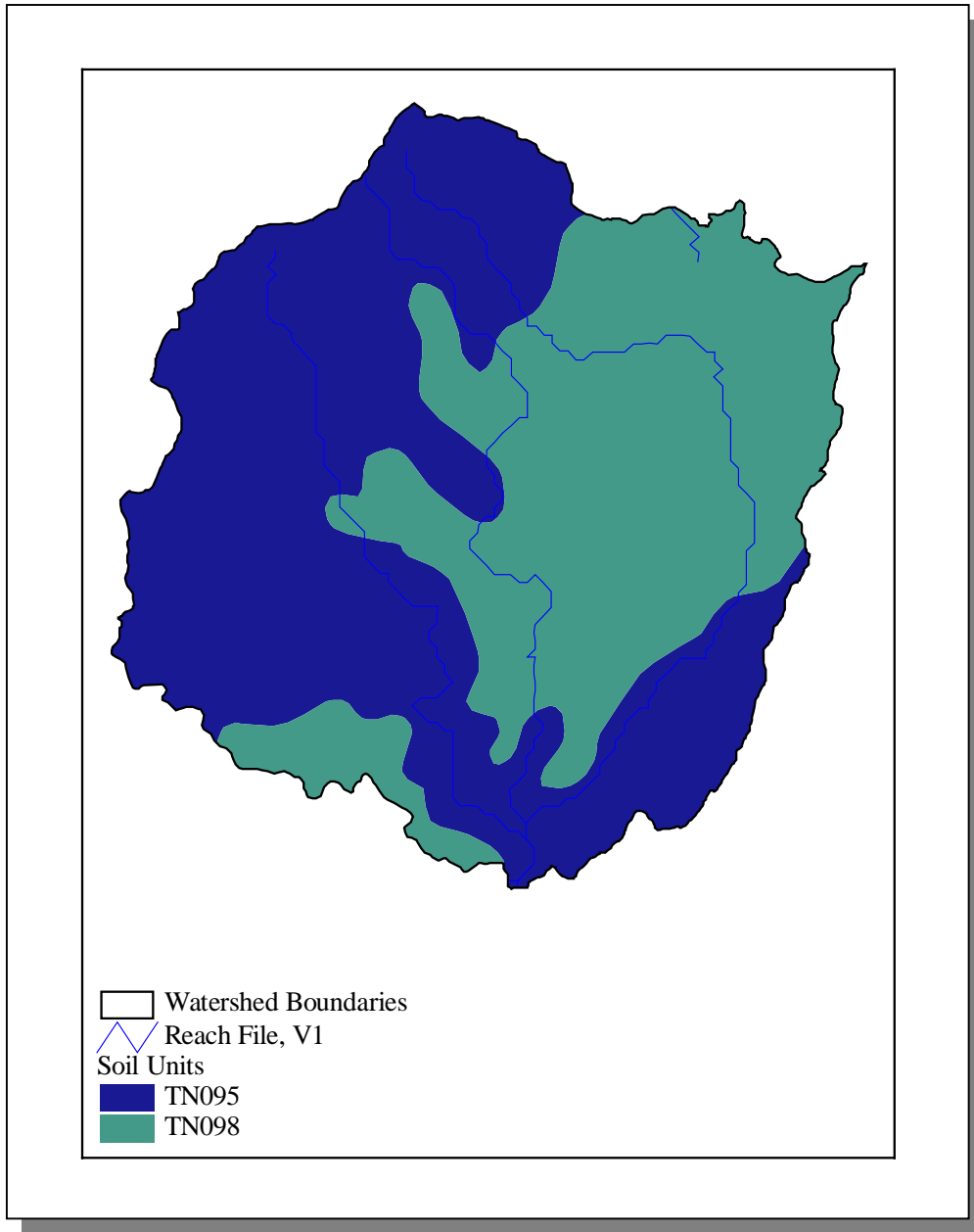


Figure 4-46. STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 06010201220.

STATSGO MAP UNIT ID	PERCENT HYDRIC	HYDROLOGIC GROUP	PERMEABILITY (in/hour)	SOIL pH	ESTIMATED SOIL TEXTURE	SOIL ERODIBILITY
TN095	0.0	B	2.35	5.12	Loam	0.31
TN098	1.0	C	3.98	4.82	Loam	0.32

Table 4-56. Soil Characteristics by STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 06010201220. More information is provided in Watts Bar-Appendix IV.

County	COUNTY POPULATION		Portion of Watershed (%)	ESTIMATED POPULATION IN WATERSHED		% CHANGE
	1990	1997 Est.		1990	1997	
Cumberland	34,736	43,217	8.43	2,929	3,644	24.4
Rhea	24,344	27,672	0.27	66	75	13.6
Roane	47,227	49,885	0.79	373	394	5.6
Totals	106,307	120,774		3,368	4,113	22.1

Table 4-57. Population Estimates in Subwatershed 06010201220.

Populated Place	County	Population	NUMBER OF HOUSING UNITS			
			Total	Public Sewer	Septic Tank	Other
Crab Orchard	Cumberland	876	420	71	328	21

Table 4-58. Housing and Sewage Disposal Practices of Select Communities in Subwatershed 06010201220.



Figure 4-47. Location of STORET Monitoring Sites in Subwatershed 06010208090. More information is provided in Watts Bar-Appendix IV.

4.2.1.ii. Point Source Contributions.

No Contributions.

4.2.1.iii. Nonpoint Source Contributions.

LIVESTOCK (COUNTS)					
Beef Cow	Cattle	Milk Cow	Chickens	Hogs	Sheep
387	949	94	<5	247	19

Table 4-59. Summary of Livestock Count Estimates in Subwatershed 06010201220. According to the Census of Agriculture, "Cattle" includes heifers, heifer calves, steers, bulls and bull calves.

County	INVENTORY		REMOVAL RATE	
	Forest Land (thousand acres)	Timber Land (thousand acres)	Growing Stock (million cubic feet)	Sawtimber (million board feet)
Cumberland	320.3	320.3	5.9	22.5
Rhea	126.5	126.4	1.7	4.7
Roane	153.1	153.1	1.7	5.1
Total	599.9	599.7	9.3	32.3

Table 4-60. Forest Acreage and Average Annual Removal Rates (1987-1994) in Subwatershed 06010201220

CROP	TONS/ACRE/YEAR
Forest Land (Not Grazed)	0.00
Farmsteads and Ranch Headquarters	0.30
Grass (Pastureland)	0.50
Grass, Forbs, Legumes (Mixed Pasture)	0.27
Forest Land (Grazed)	0.00
Corn (Row Crops)	3.72
Soybeans (Row Crops)	6.23
Other Vegetable and Truck Crops	14.05
Grass (Hayland)	3.05
Legume Grass (Hayland)	0.16
Legume (Pastureland)	0.15
Non Agricultural Land Use	0.00
Wheat (Close Grown Cropland)	8.50

Table 4-61. Annual Estimated Total Soil Loss in Subwatershed 06010201220.