Long (Greensboro)

Waterbody + Tributary 100ft Buffer

133 acres
(Base Land Cover Shown)
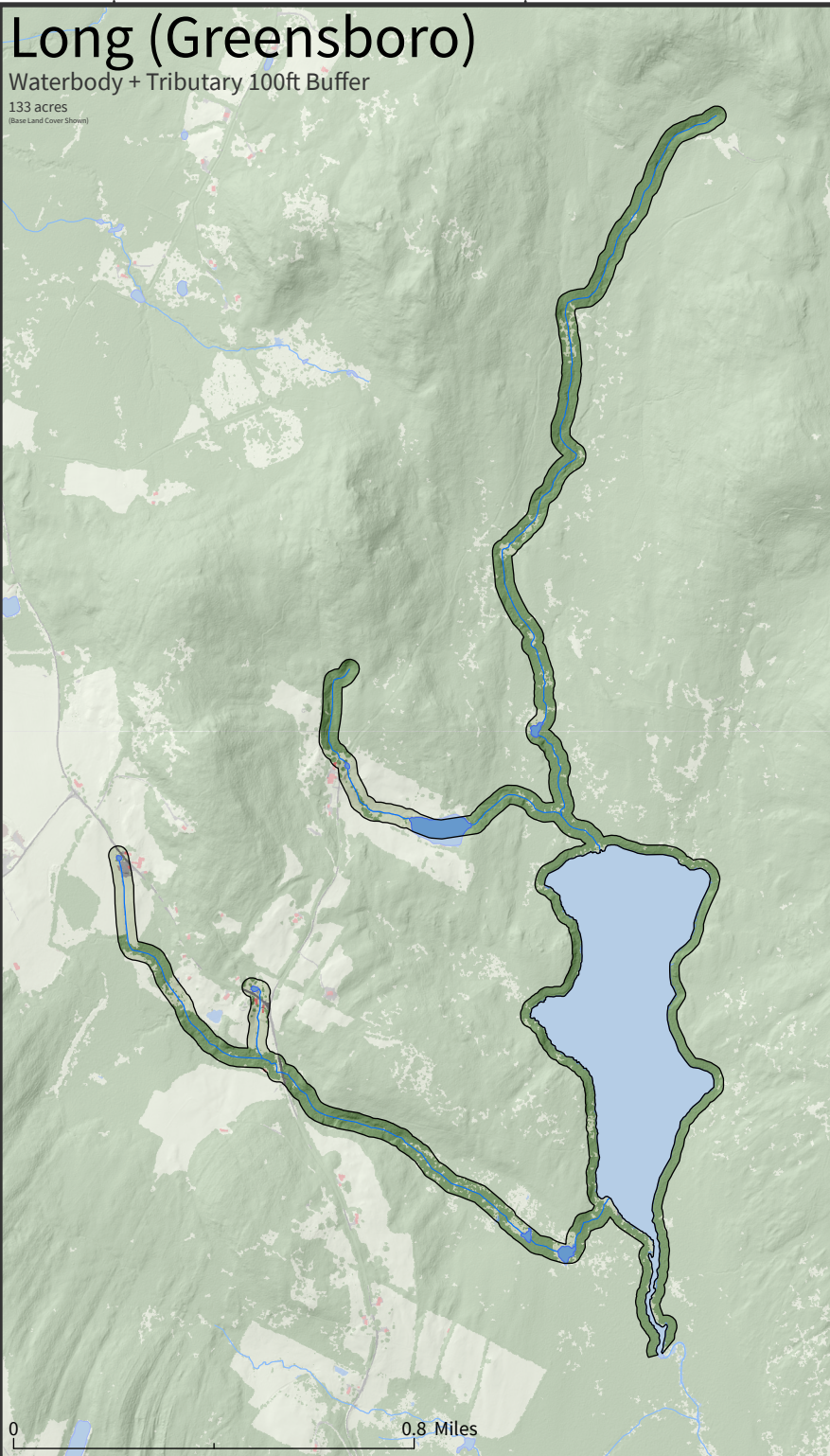
-72°16'

44°38'

0 | 0.8 Miles

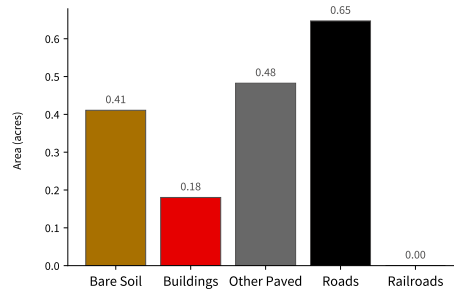External Data Sources: UVM SAL High-Resolution (0.5m) Land Cover Dataset, VCGI Vermont State LiDAR, National Hydrography Dataset

High-Resolution Land Cover Summary

Base Land Cover (Top-Down*)

Area (acres)

- Tree Canopy: 105.0
- Grass/Shrubs: 21.6
- Bare Soil: 0.1
- Water: 5.2
- Buildings: 0.2
- Roads: 0.5
- Other Paved: 0.5
- Railroads: 0.0
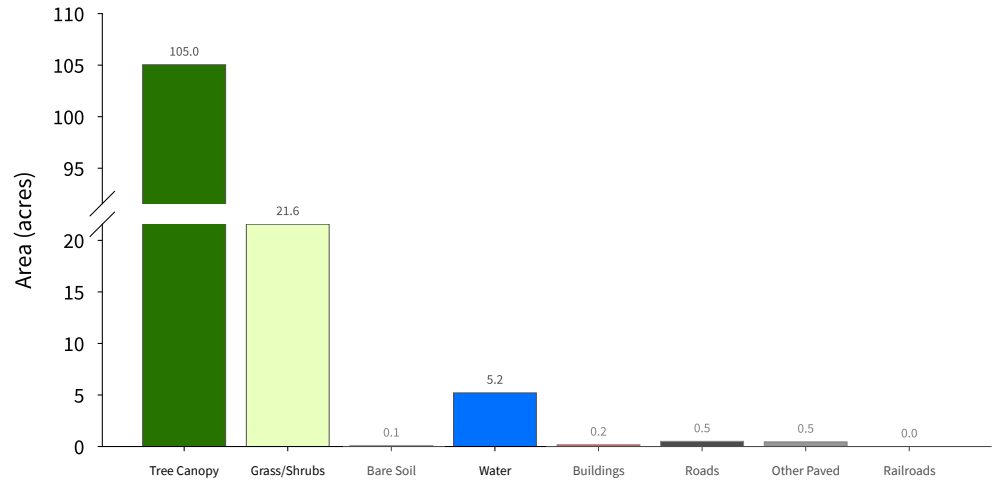
Supplemental Land Cover

Impervious Surfaces (1.72 acres - 1.3 % of total)
(Bottom-Up**)

Area (acres)

- Bare Soil: 0.41
- Buildings: 0.18
- Other Paved: 0.48
- Roads: 0.65
- Railroads: 0.00

Agriculture (10.03 acres - 7.5 % of total)

Area (acres)

- Crops: 0.0
- Hay: 10.0
- Pasture: 0.0
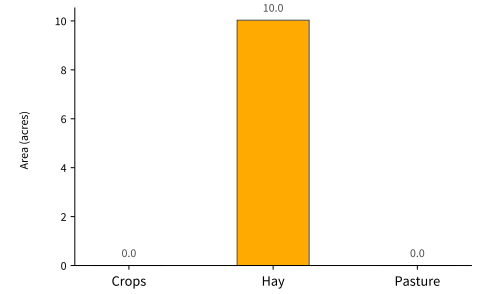
Wetlands (77.12 acres - 58 % of total)

Area (acres)

- Emergent: 3.4
- Forested: 71.2
- Scrub/Shrub: 2.5
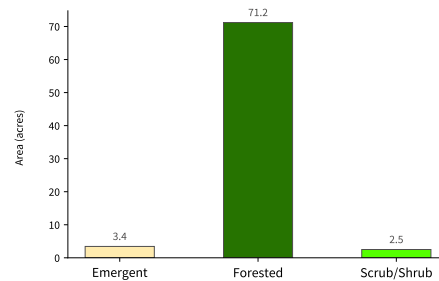
Tree Canopy (105.36 acres - 79.2 % of total)

Area (acres)

- Coniferous: 77.9
- Deciduous: 27.5

*Top-Down: A traditional land cover mapping approach - land cover is mapped as the uppermost land cover class.
**Bottom-Up: A new land cover mapping approach - land cover is mapped as the lowermost land cover class. This approach results in improved mapping of features overlapped/obscured by other features.
See UVM SAL High-Resolution Land Cover 2016 Report for more detail.

Long (Greensboro)

Waterbody 250ft Buffer

82 acres
(Base Land Cover Shown)

-72°16'

0 _____ 0.3 Miles

External Data Sources: UVM SAL High-Resolution (0.5m) Land Cover Dataset, VCGI Vermont State LiDAR, National Hydrography Dataset

High-Resolution Land Cover Summary

Base Land Cover (Top-Down*)

Area (acres)

Category	Value
Tree Canopy	76.0
Grass/Shrubs	4.7
Bare Soil	0.0
Water	1.0
Buildings	0.0
Roads	0.0
Other Paved	0.0
Railroads	0.0
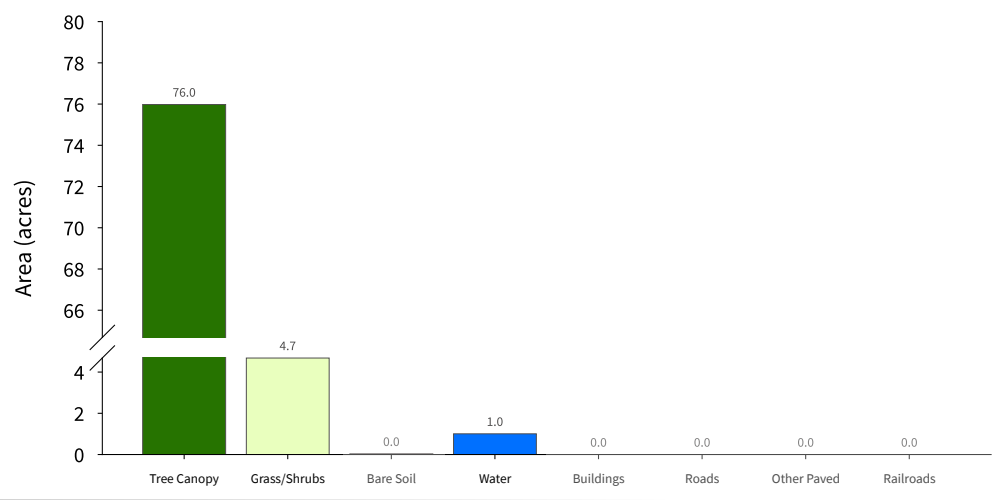
Supplemental Land Cover

Impervious Surfaces (0.32 acres - 0.4 % of total)
(Bottom-Up**)

Area (acres)

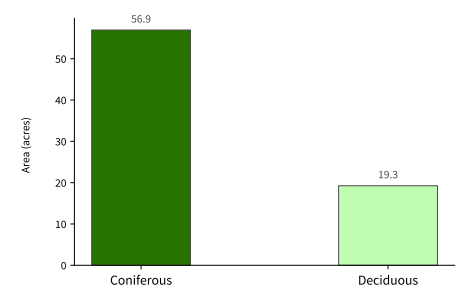| Category	Value
Bare Soil	0.32
Buildings	0.00
Other Paved	0.00
Roads	0.00
Railroads	0.00
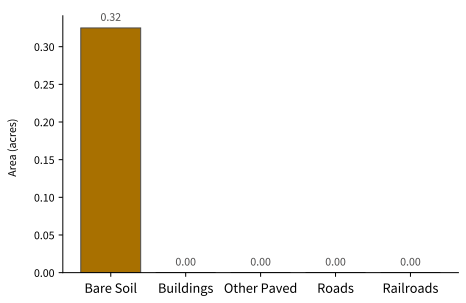
Agriculture (0 acres - 0 % of total)

No Agricultural Land Cover Mapped in this Area

Wetlands (50.35 acres - 61.4 % of total)

Area (acres)

Category	Value
Emergent	0.0
Forested	48.8
Scrub/Shrub	1.6
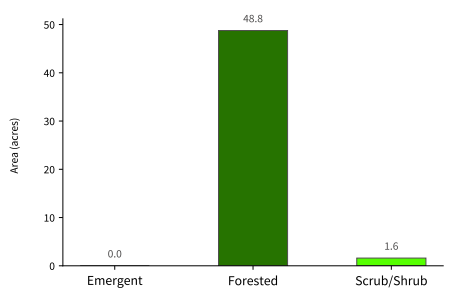
Tree Canopy (76.2 acres - 92.9 % of total)

Area (acres)

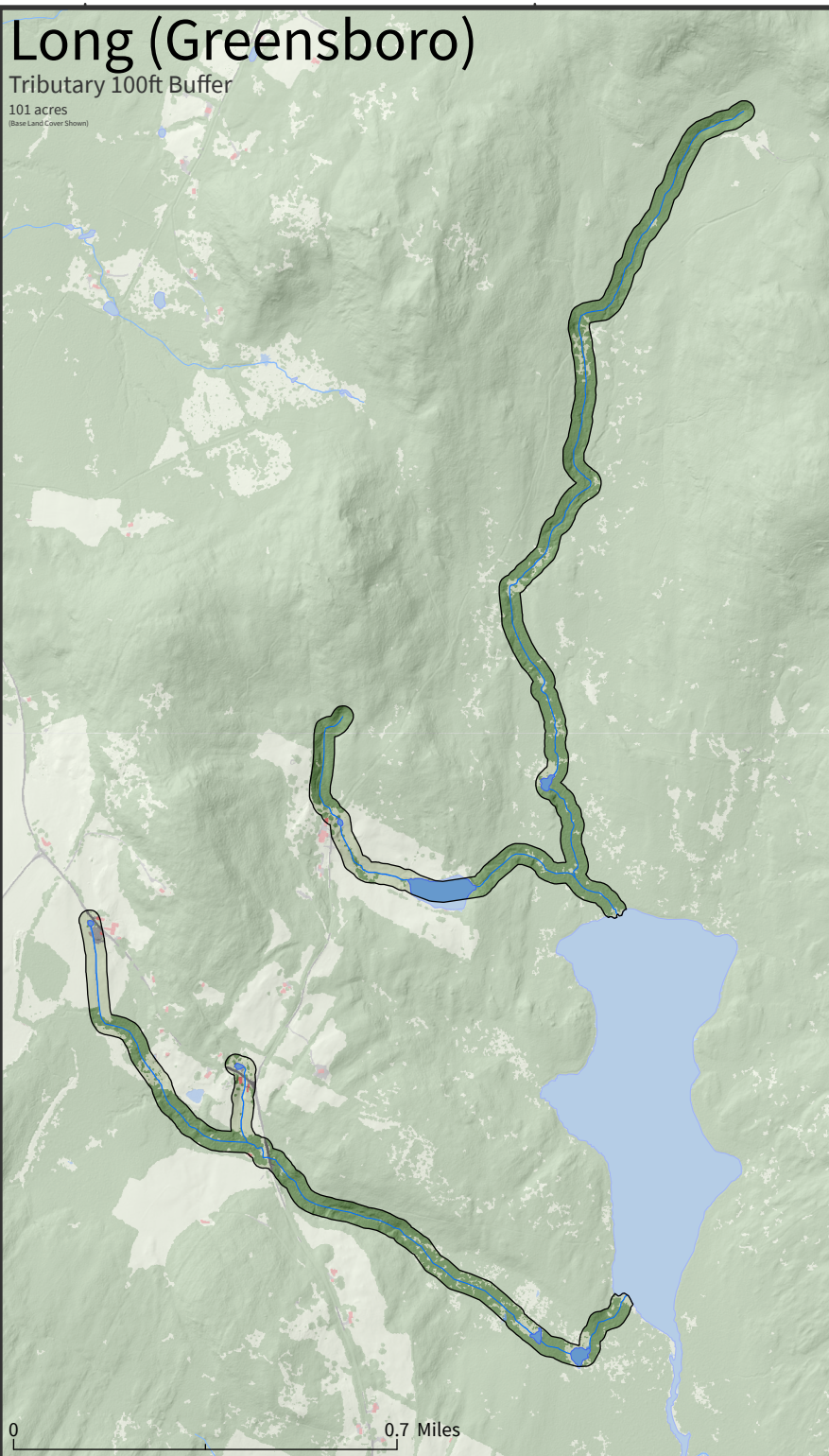| Category	Value
Coniferous	56.9
Deciduous	19.3

*Top-Down: A traditional land cover mapping approach - land cover is mapped as the uppermost land cover class.
**Bottom-Up: A new land cover mapping approach - land cover is mapped as the lowermost land cover class. This approach results in improved mapping of features overlapped/obscured by other features.
See UVM SAL High-Resolution Land Cover 2016 Report for more detail.
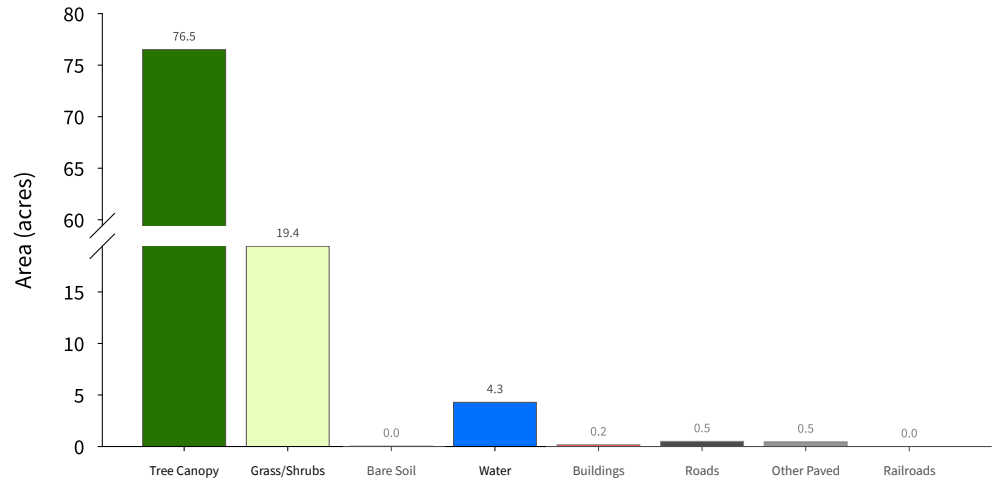
Long (Greensboro)

Tributary 100ft Buffer

101 acres
(Base Land Cover Shown)

-72°16'

44°38'

0   0.7 Miles

External Data Sources: UVM SAL High-Resolution (0.5m) Land Cover Dataset, VCGI Vermont State LiDAR, National Hydrography Dataset

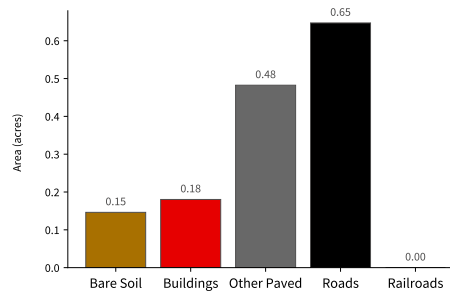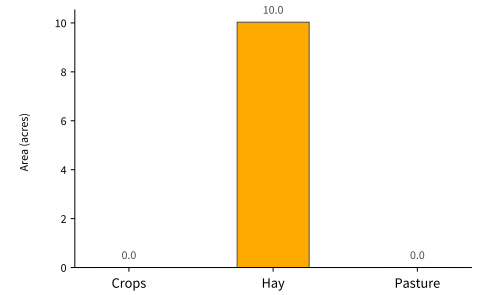# High-Resolution Land Cover Summary
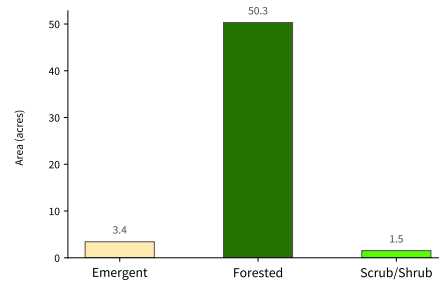
Base Land Cover (Top-Down*)

Tree Canopy	Grass/Shrubs	Bare Soil	Water	Buildings	Roads	Other Paved	Railroads
76.5	19.4	0.0	4.3	0.2	0.5	0.5	0.0

Area (acres)

Supplemental Land Cover

Impervious Surfaces (1.46 acres - 1.4 % of total)
(Bottom-Up**)

Bare Soil	Buildings	Other Paved	Roads	Railroads
0.15	0.18	0.48	0.65	0.00

Area (acres)

Agriculture (10.03 acres - 9.9 % of total)

Crops	Hay	Pasture
0.0	10.0	0.0

Area (acres)

Wetlands (55.27 acres - 54.7 % of total)

Emergent	Forested	Scrub/Shrub
3.4	50.3	1.5

Area (acres)

Tree Canopy (76.72 acres - 76 % of total)
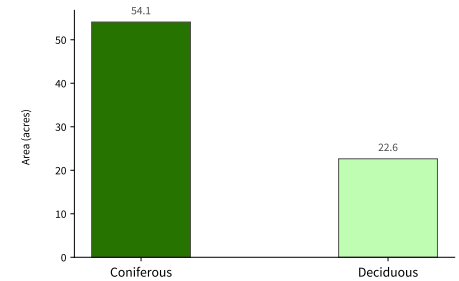
Coniferous	Deciduous
54.1	22.6

Area (acres)

*Top-Down: A traditional land cover mapping approach - land cover is mapped as the uppermost land cover class.
**Bottom-Up: A new land cover mapping approach - land cover is mapped as the lowermost land cover class. This approach results in improved mapping of features overlapped/obscured by other features.
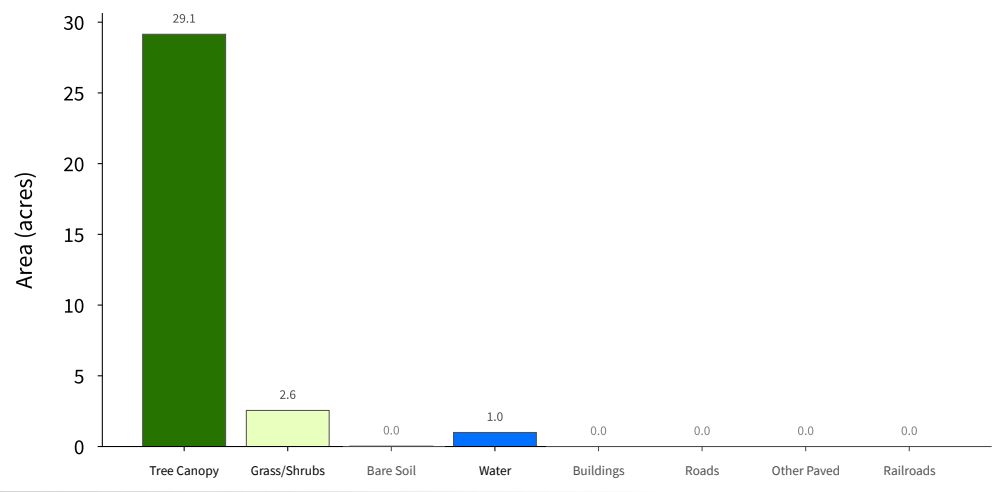See UVM SAL High-Resolution Land Cover 2016 Report for more detail.

Long (Greensboro)

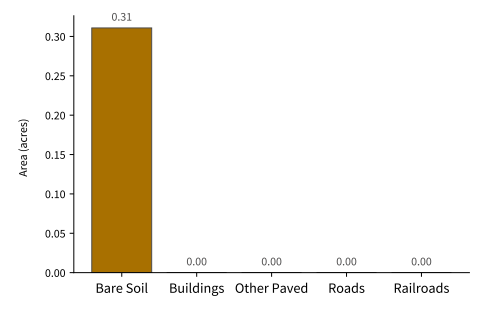Waterbody 100ft Buffer

33 acres
(Base Land Cover Shown)

High-Resolution Land Cover Summary
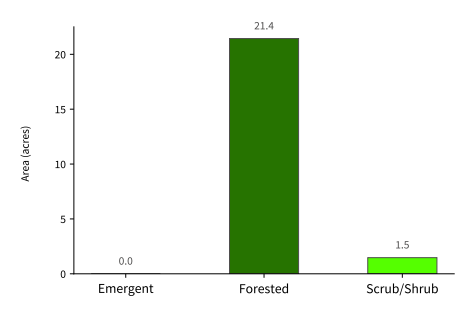
Base Land Cover (Top-Down*)

Tree Canopy	Grass/Shrubs	Bare Soil	Water	Buildings	Roads	Other Paved	Railroads
29.1	2.6	0.0	1.0	0.0	0.0	0.0	0.0

Supplemental Land Cover

Impervious Surfaces (0.31 acres - 0.9 % of total)
(Bottom-Up**)

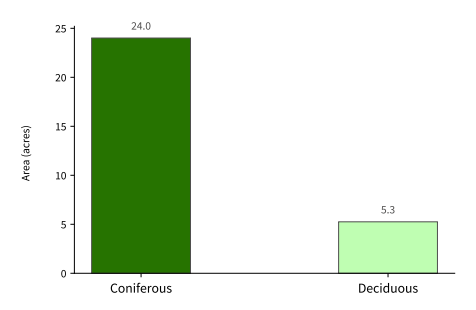| Bare Soil	Buildings	Other Paved	Roads	Railroads
0.31	0.00	0.00	0.00	0.00

Agriculture (0 acres - 0 % of total)

No Agricultural Land Cover Mapped in this Area

Wetlands (22.91 acres - 69.4 % of total)

Emergent	Forested	Scrub/Shrub
0.0	21.4	1.5

Tree Canopy (29.26 acres - 88.7 % of total)

Coniferous	Deciduous
24.0	5.3

External Data Sources: UVM SAL High-Resolution (0.5m) Land Cover Dataset, VCGI Vermont State LiDAR, National Hydrography Dataset
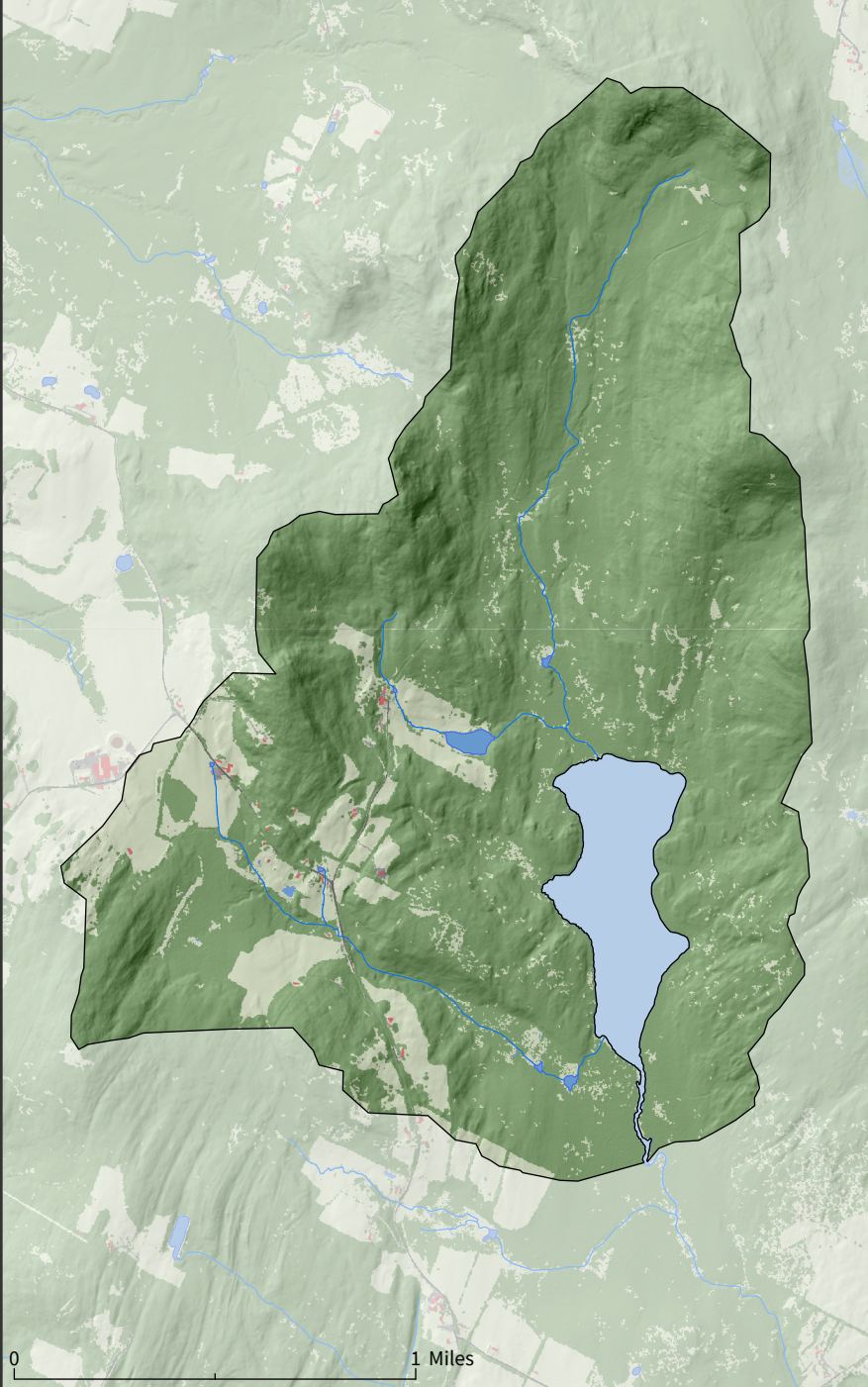
*Top-Down: A traditional land cover mapping approach - land cover is mapped as the uppermost land cover class.
**Bottom-Up: A new land cover mapping approach - land cover is mapped as the lowermost land cover class. This approach results in improved mapping of features overlapped/obscured by other features.
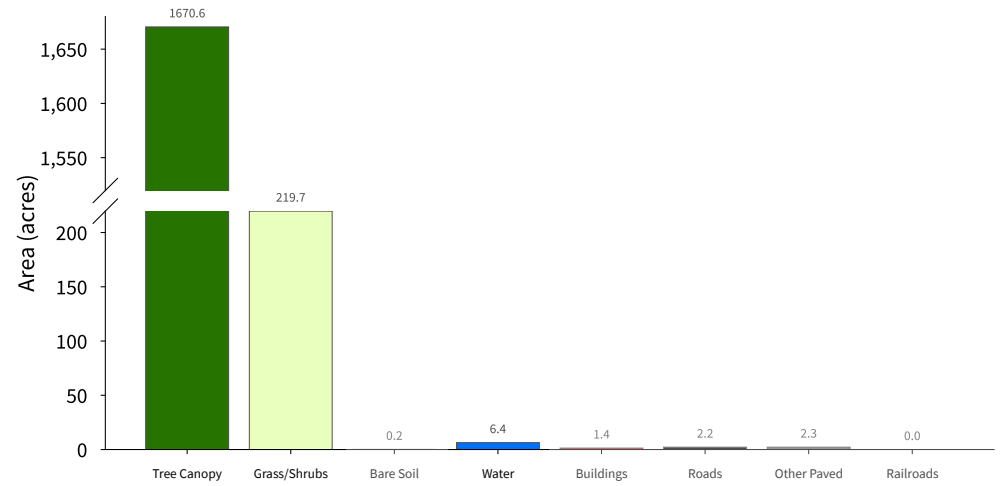See UVM SAL High-Resolution Land Cover 2016 Report for more detail.

Long (Greensboro)

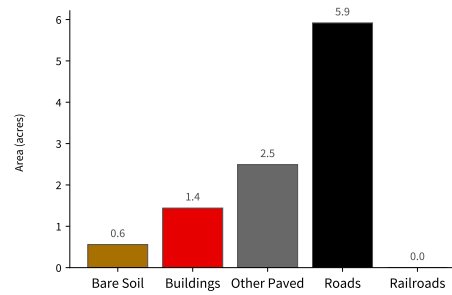Watershed

1,903 acres
(Base Land Cover Shown)

-72°16'

44°38'

0   1 Miles

External Data Sources: UVM SAL High-Resolution (0.5m) Land Cover Dataset, VCGI Vermont State LiDAR, National Hydrography Dataset

High-Resolution Land Cover Summary

Base Land Cover (Top-Down*)

Tree Canopy	Grass/Shrubs	Bare Soil	Water	Buildings	Roads	Other Paved	Railroads
1670.6	219.7	0.2	6.4	1.4	2.2	2.3	0.0

Area (acres)

Supplemental Land Cover

Impervious Surfaces (10.4 acres - 0.5 % of total)
(Bottom-Up**)

Bare Soil	Buildings	Other Paved	Roads	Railroads
0.6	1.4	2.5	5.9	0.0

Area (acres)

Agriculture (138.11 acres - 7.3 % of total)

Crops	Hay	Pasture
21.5	116.6	0.0

Area (acres)
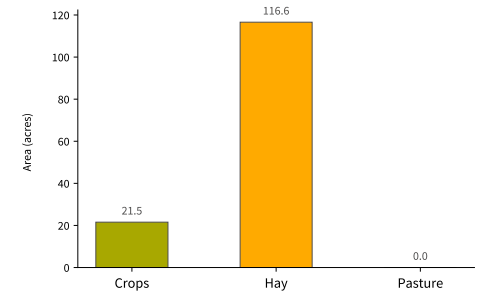
Wetlands (294.64 acres - 15.5 % of total)

Emergent	Forested	Scrub/Shrub
7.0	283.9	3.7

Area (acres)
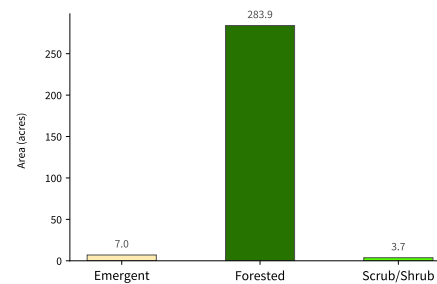
Tree Canopy (1,672.79 acres - 87.9 % of total)

Coniferous	Deciduous
605.3	1067.5

Area (acres)

*Top-Down: A traditional land cover mapping approach - land cover is mapped as the uppermost land cover class.
**Bottom-Up: A new land cover mapping approach - land cover is mapped as the lowermost land cover class. This approach results in improved mapping of features overlapped/obscured by other features.
See UVM SAL High-Resolution Land Cover 2016 Report for more detail.