Shelburne

Waterbody + Tributary 100ft Buffer

419 acres
(Base Land Cover Shown)
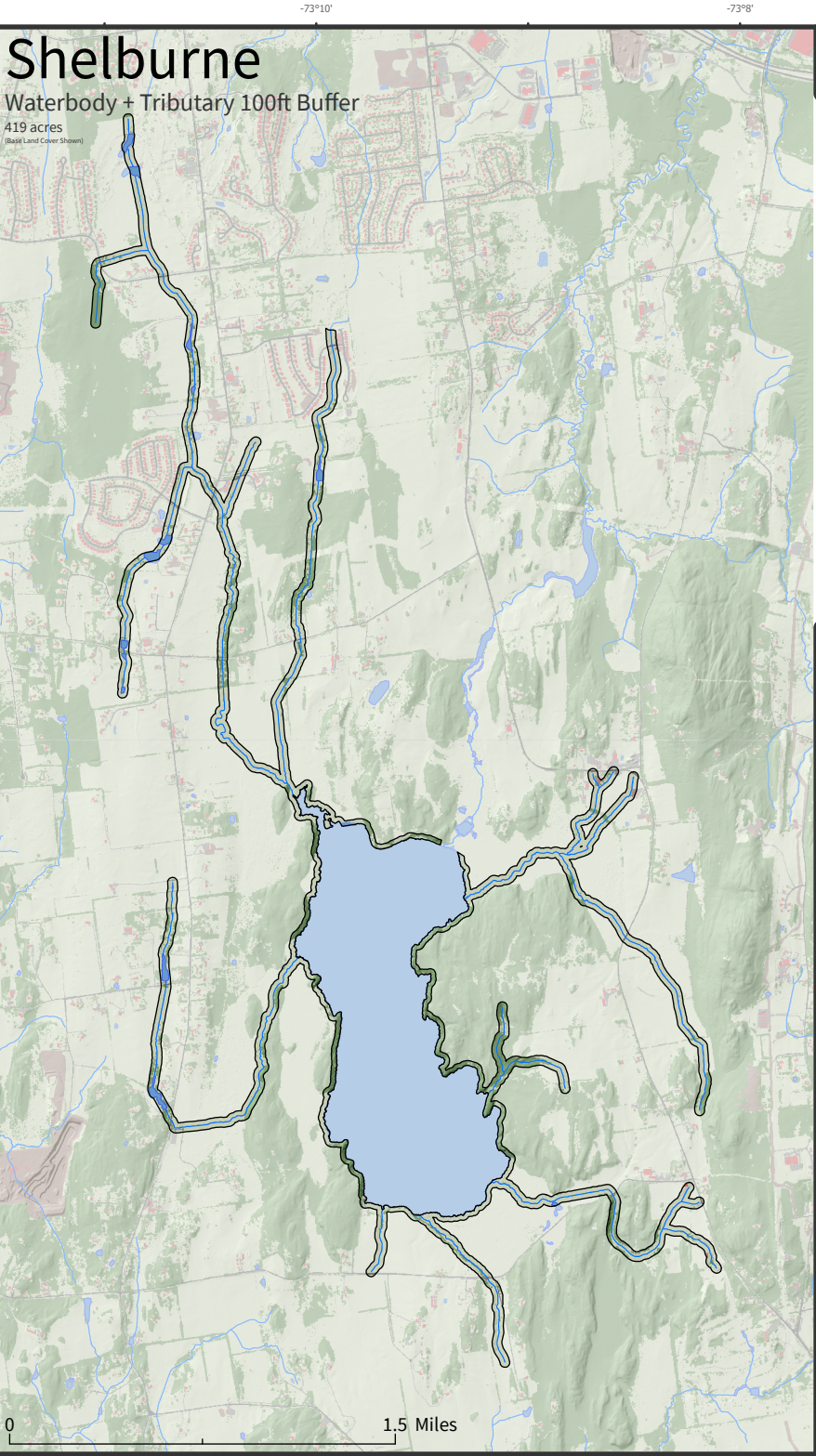
-73°10'   -73°8'

44°26'

44°24'

44°22'

0   1.5 Miles

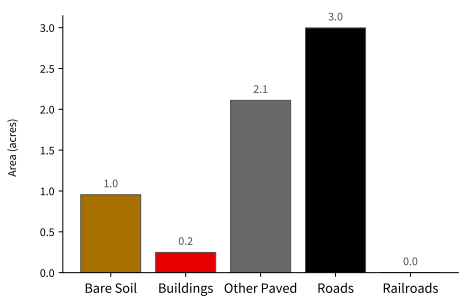External Data Sources: UVM SAL High-Resolution (0.5m) Land Cover Dataset, VCGI Vermont State LiDAR, National Hydrography Dataset

High-Resolution Land Cover Summary

Base Land Cover (Top-Down*)

Area (acres)

Category	Value
Tree Canopy	98.0
Grass/Shrubs	288.0
Bare Soil	0.9
Water	27.1
Buildings	0.2
Roads	2.9
Other Paved	2.1
Railroads	0.0
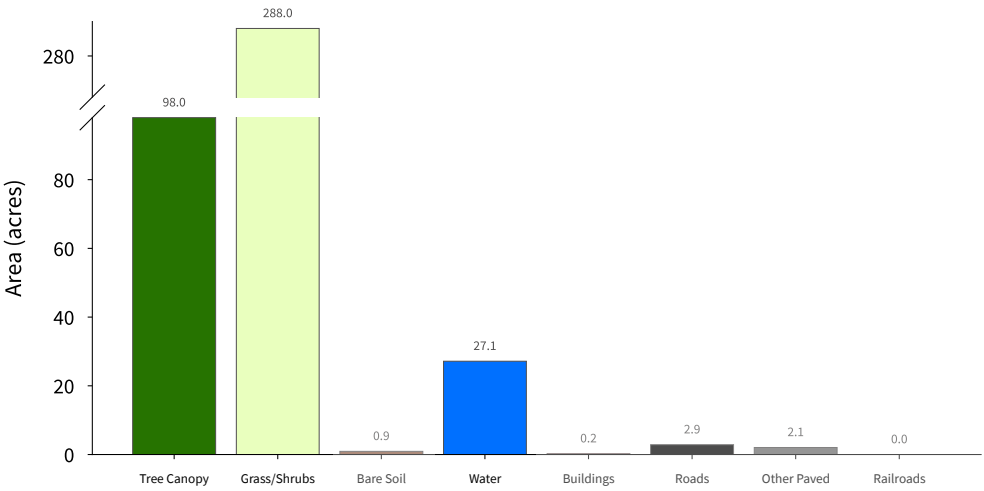
Supplemental Land Cover

Impervious Surfaces (6.31 acres - 1.5 % of total)
(Bottom-Up**)

Area (acres)

Category	Value
Bare Soil	1.0
Buildings	0.2
Other Paved	2.1
Roads	3.0
Railroads	0.0

Agriculture (116.9 acres - 27.9 % of total)

Area (acres)

Category	Value
Crops	0.0
Hay	116.0
Pasture	0.8
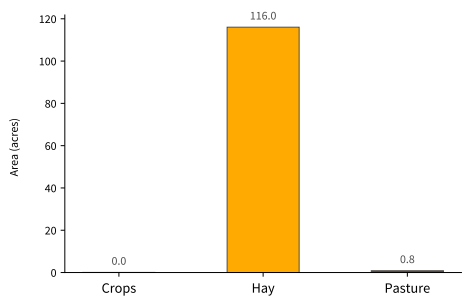
Wetlands (218.33 acres - 52.1 % of total)

Area (acres)

Category	Value
Emergent	169.7
Forested	36.8
Scrub/Shrub	11.9
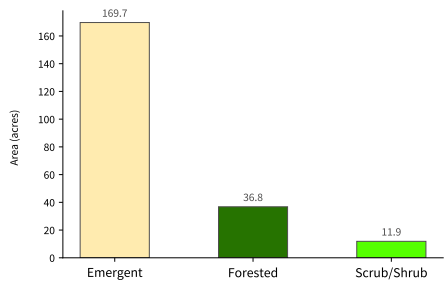
Tree Canopy (98.51 acres - 23.5 % of total)
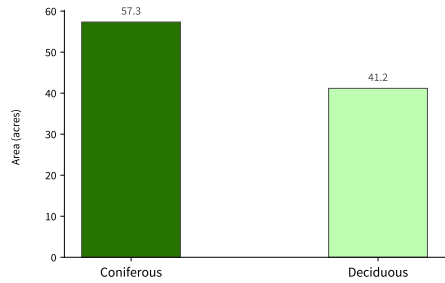
Area (acres)

Category	Value
Coniferous	57.3
Deciduous	41.2

*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.
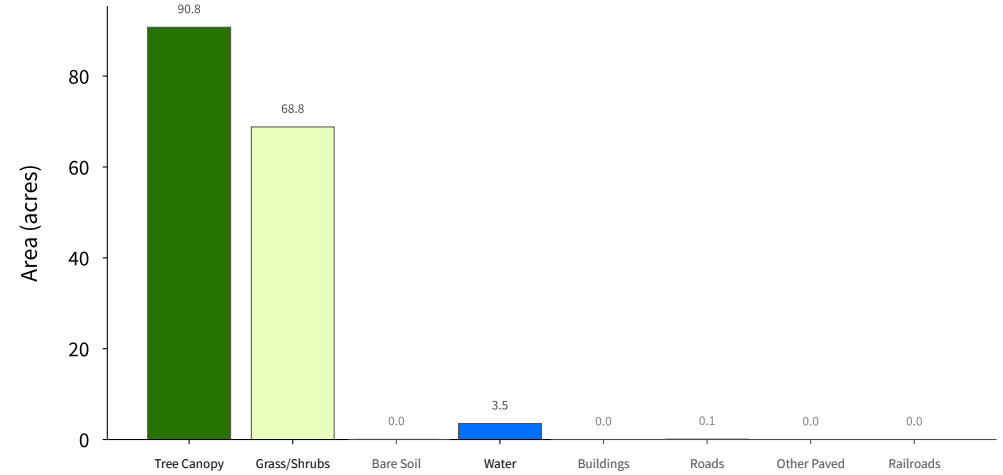
Shelburne

Waterbody 250ft Buffer

163 acres
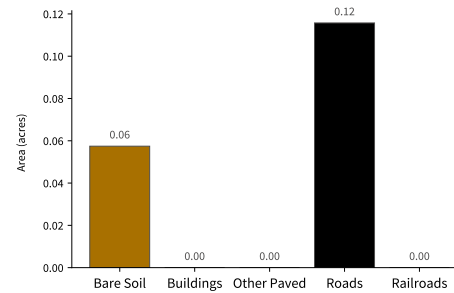(Base Land Cover Shown)

0   0.55 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*)

Bar chart — Area (acres):
- Tree Canopy: 90.8
- Grass/Shrubs: 68.8
- Bare Soil: 0.0
- Water: 3.5
- Buildings: 0.0
- Roads: 0.1
- Other Paved: 0.0
- Railroads: 0.0

Supplemental Land Cover

Impervious Surfaces (0.17 acres - 0.1 % of total)
(Bottom-Up**)

Bar chart — Area (acres):
- Bare Soil: 0.06
- Buildings: 0.00
- Other Paved: 0.00
- Roads: 0.12
- Railroads: 0.00

Agriculture (4.49 acres - 2.8 % of total)

Bar chart — Area (acres):
- Crops: 0.0
- Hay: 4.5
- Pasture: 0.0

Wetlands (72.61 acres - 44.5 % of total)

Bar chart — Area (acres):
- Emergent: 57.3
- Forested: 8.7
- Scrub/Shrub: 6.7
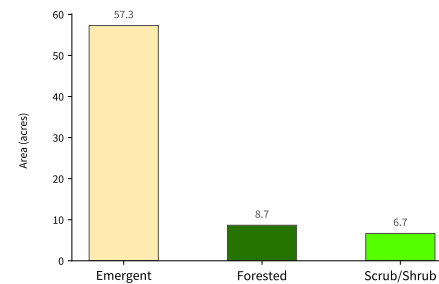
Tree Canopy (90.94 acres - 55.8 % of total)
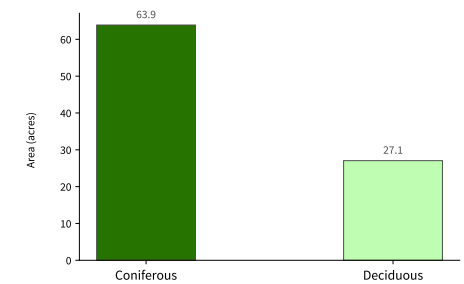
Bar chart — Area (acres):
- Coniferous: 63.9
- Deciduous: 27.1

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Shelburne

Tributary 100ft Buffer

355 acres
(Base Land Cover Shown)

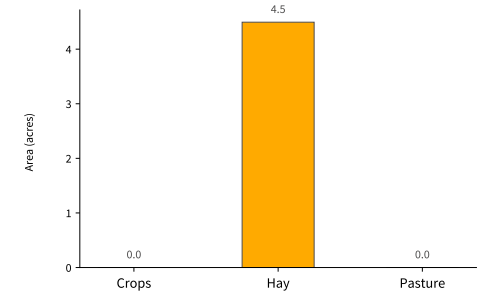# High-Resolution Land Cover Summary
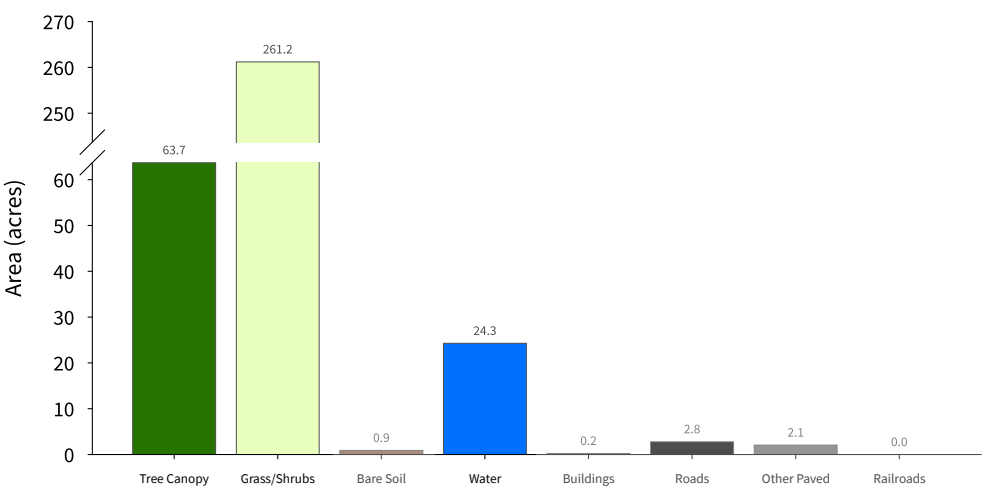
Base Land Cover (Top-Down*)

Tree Canopy	Grass/Shrubs	Bare Soil	Water	Buildings	Roads	Other Paved	Railroads
63.7	261.2	0.9	24.3	0.2	2.8	2.1	0.0

Supplemental Land Cover

Impervious Surfaces (6.21 acres - 1.7 % of total)
(Bottom-Up**)

Bare Soil	Buildings	Other Paved	Roads	Railroads
0.9	0.2	2.1	2.9	0.0

Agriculture (116.16 acres - 32.7 % of total)

Crops	Hay	Pasture
0.0	115.3	0.8

Wetlands (189.32 acres - 53.3 % of total)

Emergent	Forested	Scrub/Shrub
147.3	33.4	8.6

Tree Canopy (64.1 acres - 18.1 % of total)
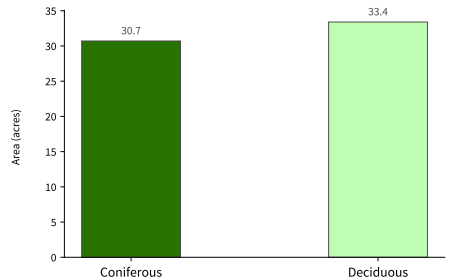
Coniferous	Deciduous
30.7	33.4

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

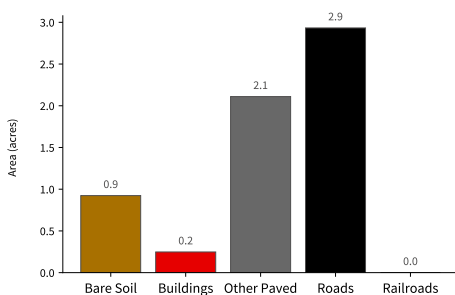*Top-Down: A traditional land cover mapping approach - land cover is mapped as the uppermost land cover class.
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Shelburne

Waterbody 100ft Buffer

69 acres
(Base Land Cover Shown)

-73°10'

44°24'

0   0.55 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*)

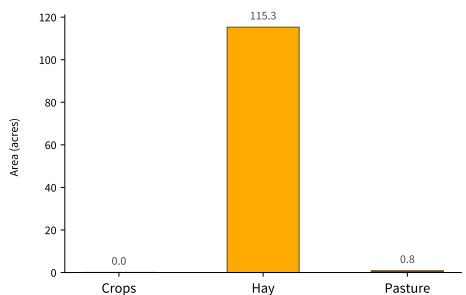

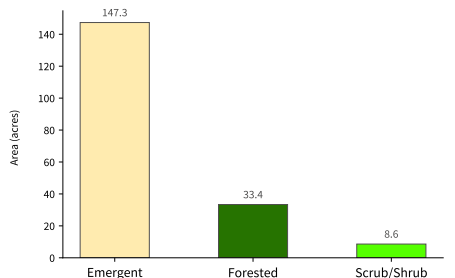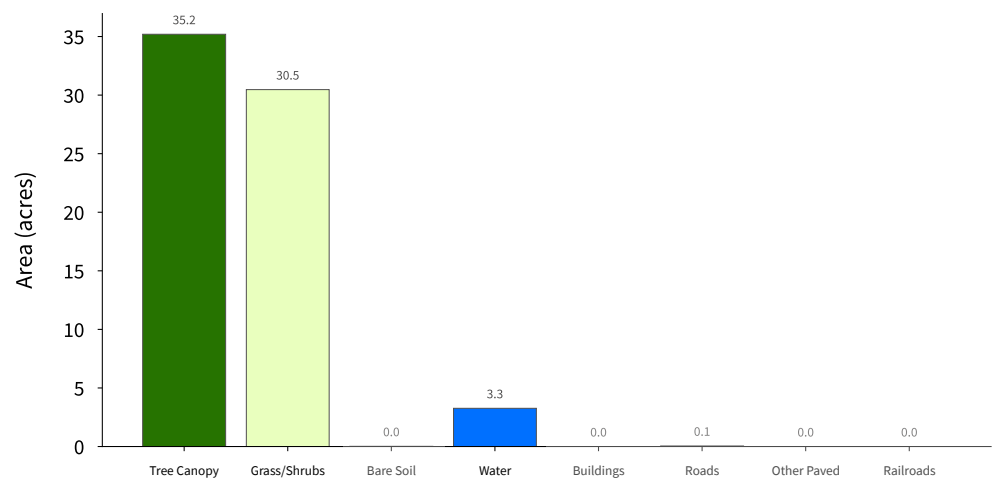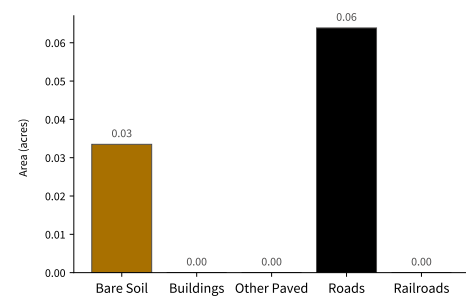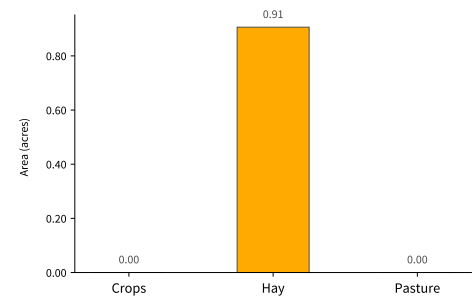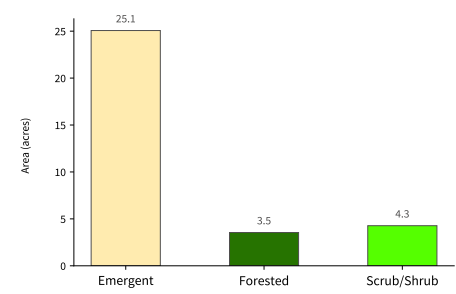|	Tree Canopy	Grass/Shrubs	Bare Soil	Water	Buildings	Roads	Other Paved	Railroads
Area (acres)	35.2	30.5	0.0	3.3	0.0	0.1	0.0	0.0

Supplemental Land Cover

Impervious Surfaces (0.1 acres - 0.1 % of total)
(Bottom-Up**)

	Bare Soil	Buildings	Other Paved	Roads	Railroads
Area (acres)	0.03	0.00	0.00	0.06	0.00

Agriculture (0.91 acres - 1.3 % of total)

	Crops	Hay	Pasture
Area (acres)	0.00	0.91	0.00

Wetlands (32.89 acres - 47.7 % of total)

	Emergent	Forested	Scrub/Shrub
Area (acres)	25.1	3.5	4.3

Tree Canopy (35.28 acres - 51.1 % of total)
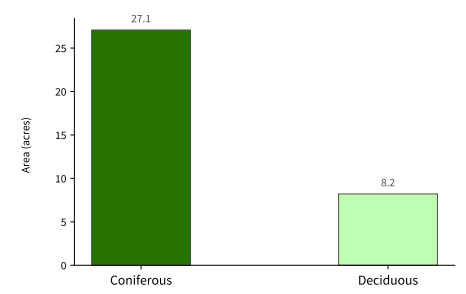
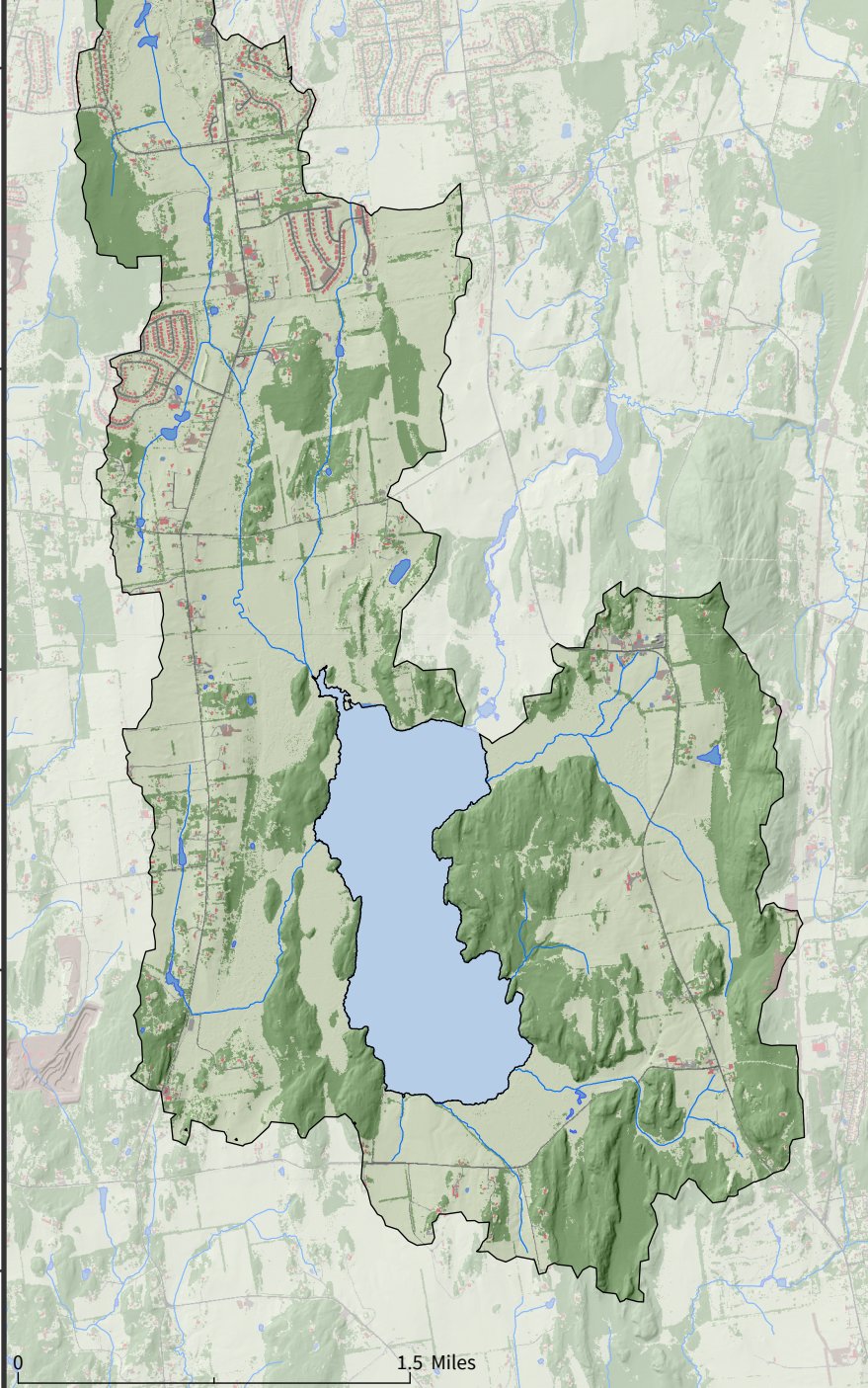|	Coniferous	Deciduous
Area (acres)	27.1	8.2

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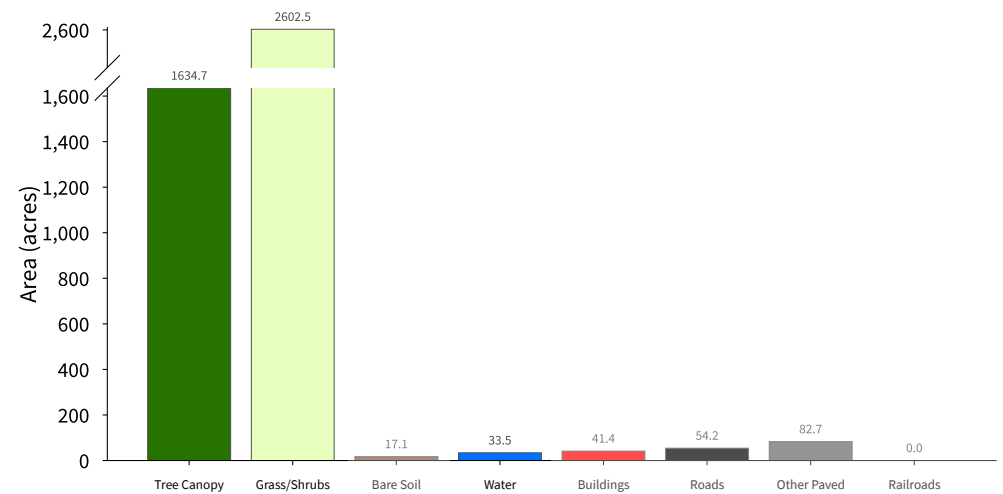
Shelburne
Watershed

4,466 acres
(Base Land Cover Shown)

Base Land Cover (Top-Down*)

Area (acres)

Category	Value
Tree Canopy	1634.7
Grass/Shrubs	2602.5
Bare Soil	17.1
Water	33.5
Buildings	41.4
Roads	54.2
Other Paved	82.7
Railroads	0.0

Supplemental Land Cover

Impervious Surfaces (204.97 acres - 4.6 % of total)
(Bottom-Up**)

Area (acres)

Category	Value
Bare Soil	18.4
Buildings	41.9
Other Paved	86.1
Roads	58.6
Railroads	0.0
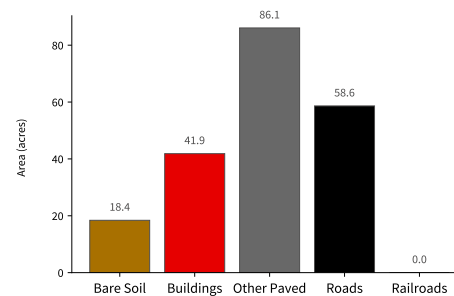
Agriculture (1,386.34 acres - 31 % of total)

Area (acres)

Category	Value
Crops	108.0
Hay	1260.6
Pasture	17.8
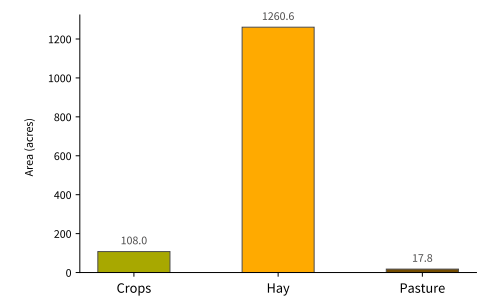
Wetlands (1,080.57 acres - 24.2 % of total)

Area (acres)

Category	Value
Emergent	721.0
Forested	307.7
Scrub/Shrub	51.9
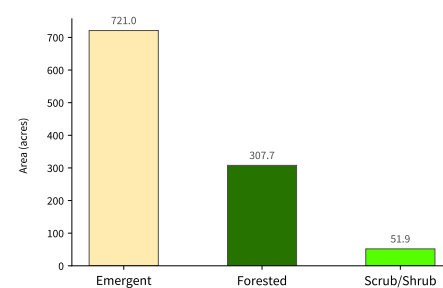
Tree Canopy (1,639.81 acres - 36.7 % of total)

Area (acres)

Category	Value
Coniferous	886.5
Deciduous	753.3

0   1.5 Miles

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