Vail

Waterbody + Tributary 100ft Buffer

72 acres
(Base Land Cover Shown)
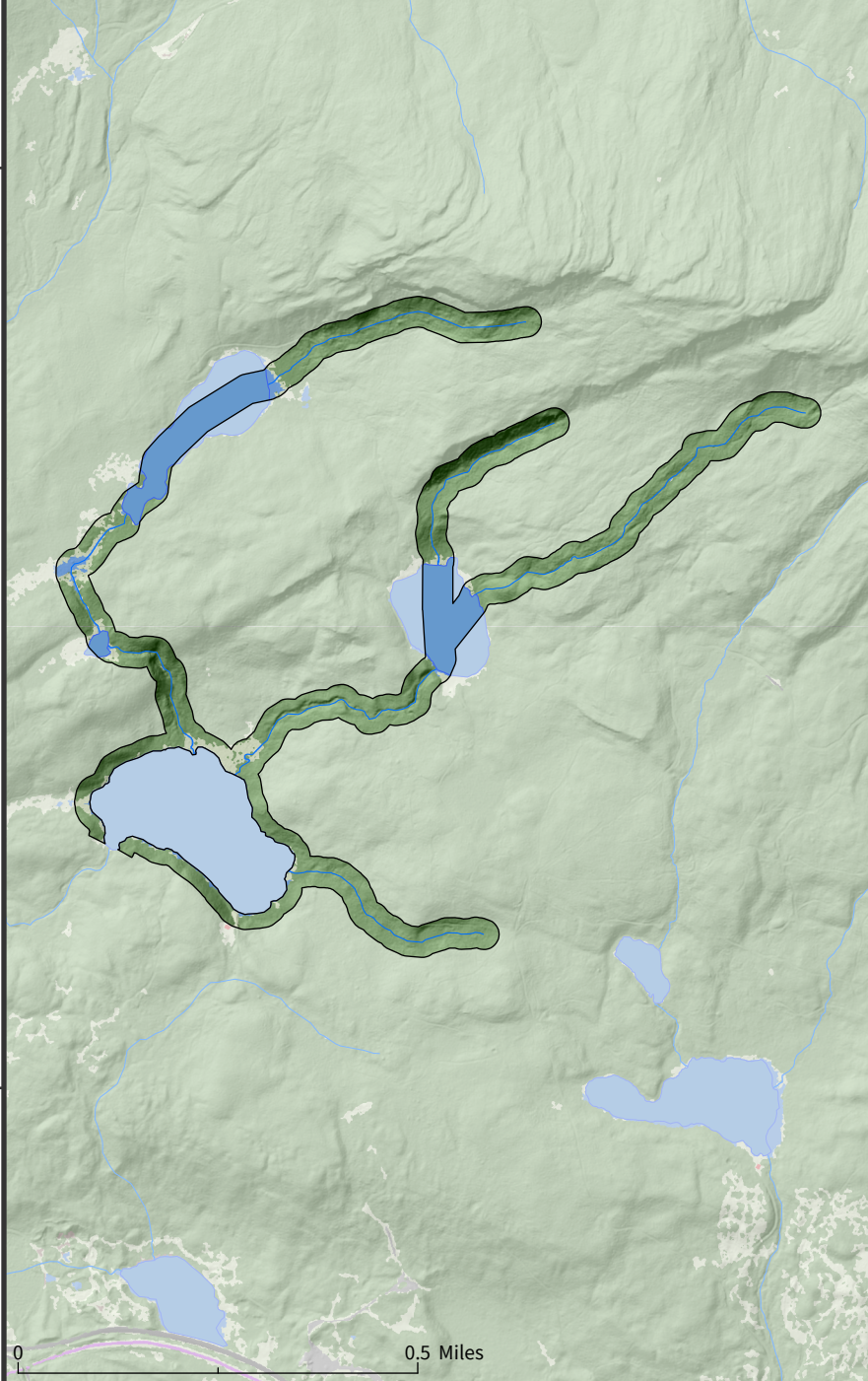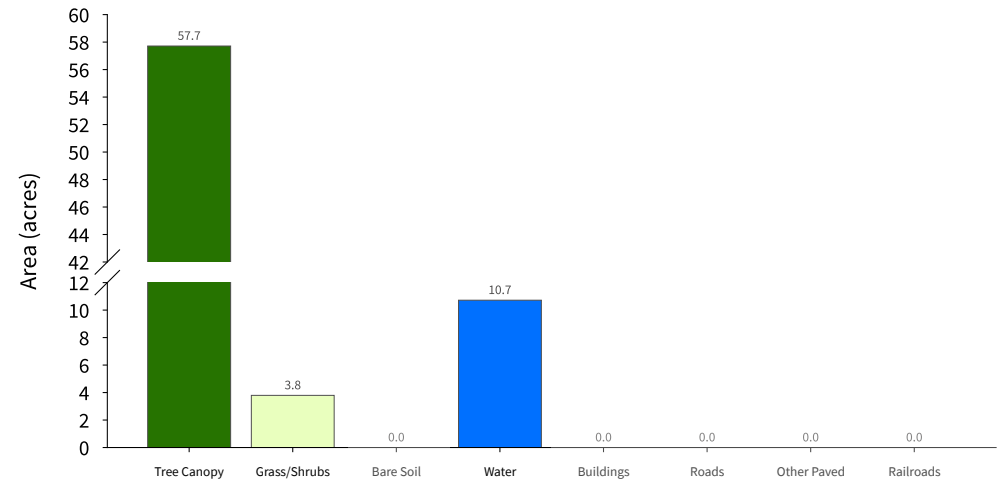
-72°4'

44°42'

0   0.5 Miles

High-Resolution Land Cover Summary

Base Land Cover (Top-Down*)

Bar chart — Area (acres):
- Tree Canopy: 57.7
- Grass/Shrubs: 3.8
- Bare Soil: 0.0
- Water: 10.7
- Buildings: 0.0
- Roads: 0.0
- Other Paved: 0.0
- Railroads: 0.0

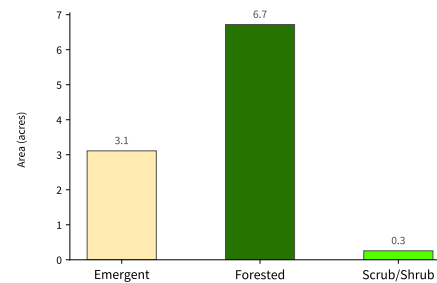## Supplemental Land Cover

Impervious Surfaces (0 acres - 0 % of total)
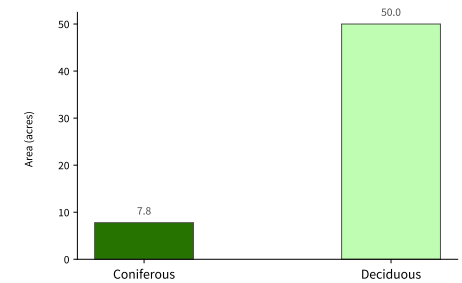(Bottom-Up**)

No Impervious Land Cover Mapped in this Area

Agriculture (0 acres - 0 % of total)

No Agricultural Land Cover Mapped in this Area

Wetlands (10.09 acres - 14 % of total)

Bar chart — Area (acres):
- Emergent: 3.1
- Forested: 6.7
- Scrub/Shrub: 0.3

Tree Canopy (57.77 acres - 80.2 % of total)

Bar chart — Area (acres):
- Coniferous: 7.8
- Deciduous: 50.0

*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.
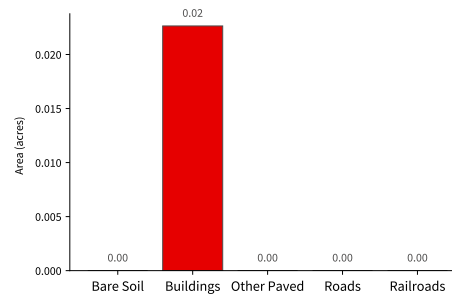See UVM SAL High-Resolution Land Cover 2016 Report for more detail.

Vail

Waterbody 250ft Buffer

24 acres
(Base Land Cover Shown)

44°42'

0 _____ 0.2 Miles

High-Resolution Land Cover Summary

Base Land Cover (Top-Down*)

Bar chart — Area (acres):
- Tree Canopy: 21.7
- Grass/Shrubs: 2.2
- Bare Soil: 0.0
- Water: 0.3
- Buildings: 0.0
- Roads: 0.0
- Other Paved: 0.0
- Railroads: 0.0
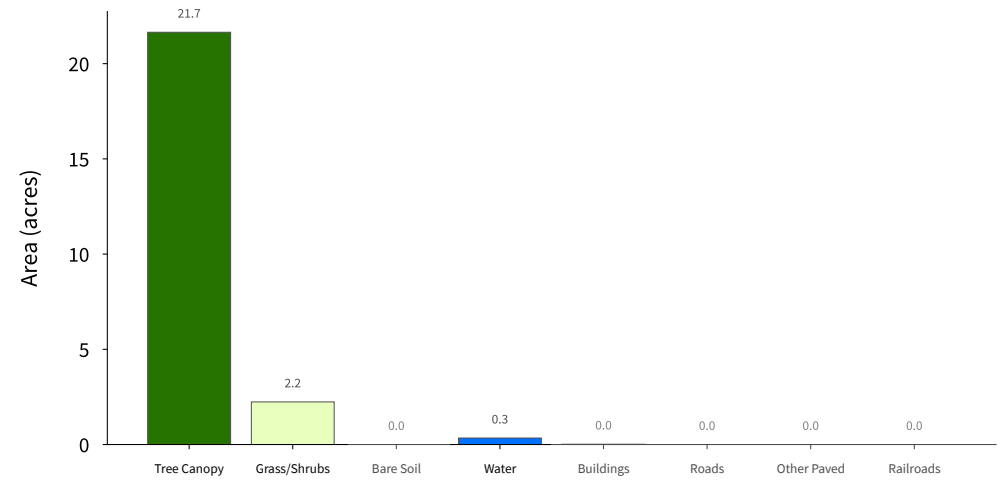
Supplemental Land Cover

Impervious Surfaces (0.02 acres - 0.1 % of total)
(Bottom-Up**)

Bar chart — Area (acres):
- Bare Soil: 0.00
- Buildings: 0.02
- Other Paved: 0.00
- Roads: 0.00
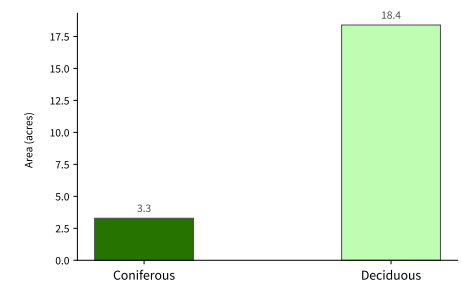- Railroads: 0.00

Agriculture (0 acres - 0 % of total)

No Agricultural Land Cover Mapped in this Area

Wetlands (4.26 acres - 17.7 % of total)

Bar chart — Area (acres):
- Emergent: 1.9
- Forested: 2.4
- Scrub/Shrub: 0.0
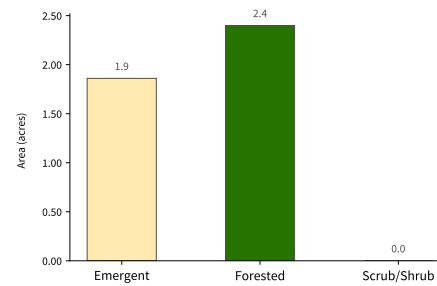
Tree Canopy (21.68 acres - 90.3 % of total)

Bar chart — Area (acres):
- Coniferous: 3.3
- Deciduous: 18.4

Vail

Tributary 100ft Buffer

65 acres
(Base Land Cover Shown)

-72°4'

44°42'

0   0.5 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)

Tree Canopy	Grass/Shrubs	Bare Soil	Water	Buildings	Roads	Other Paved	Railroads
51.0	3.0	0.0	10.6	0.0	0.0	0.0	0.0

Supplemental Land Cover

Impervious Surfaces (0 acres - 0 % of total)
(Bottom-Up**)

No Impervious Land Cover Mapped in this Area

Agriculture (0 acres - 0 % of total)

No Agricultural Land Cover Mapped in this Area

Wetlands (9.07 acres - 14 % of total)

Area (acres)

Emergent	Forested	Scrub/Shrub
2.6	6.2	0.3

Tree Canopy (51.01 acres - 78.5 % of total)

Area (acres)
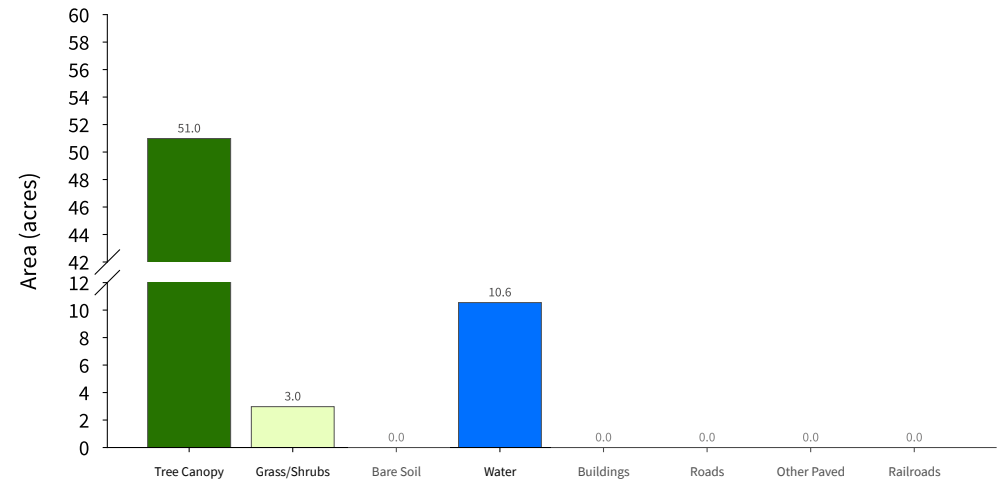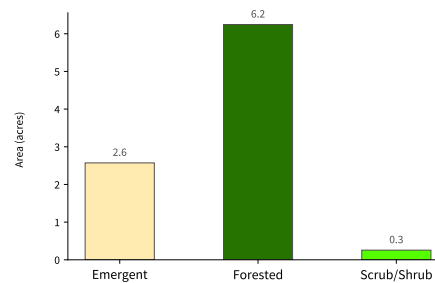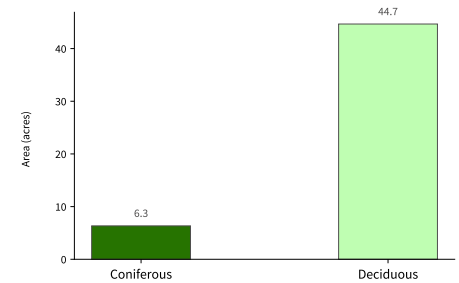
Coniferous	Deciduous
6.3	44.7

*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.

Vail

Waterbody 100ft Buffer

9 acres
(Base Land Cover Shown)

0 | 0.15 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: 7.8
- Grass/Shrubs: 1.3
- Bare Soil: 0.0
- Water: 0.3
- Buildings: 0.0
- Roads: 0.0
- Other Paved: 0.0
- Railroads: 0.0

Supplemental Land Cover

Impervious Surfaces (0 acres - 0 % of total)
(Bottom-Up**)

No Impervious Land Cover Mapped in this Area

Agriculture (0 acres - 0 % of total)

No Agricultural Land Cover Mapped in this Area

Wetlands (1.9 acres - 21.1 % of total)

Bar chart — Area (acres):
- Emergent: 1.0
- Forested: 0.9
- Scrub/Shrub: 0.0
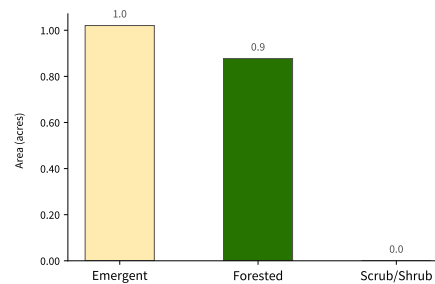
Tree Canopy (7.79 acres - 86.6 % of total)

Bar chart — Area (acres):
- Coniferous: 1.9
- Deciduous: 5.8

*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.
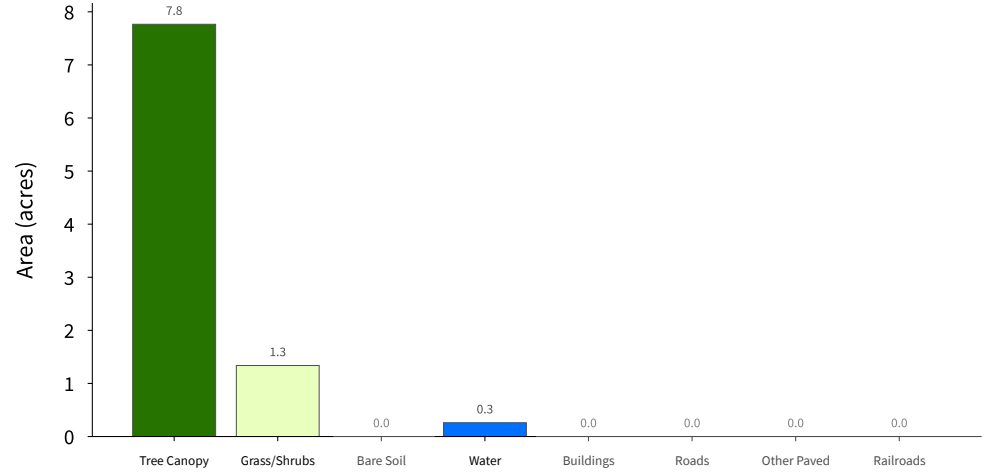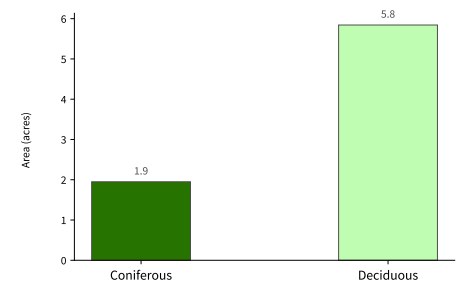
Vail

Watershed

453 acres
(Base Land Cover Shown)

-72°4'

44°42'

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*)

Area (acres)

- Tree Canopy: 427.2
- Grass/Shrubs: 8.5
- Bare Soil: 0.0
- Water: 17.1
- Buildings: 0.0
- Roads: 0.0
- Other Paved: 0.0
- Railroads: 0.0

Supplemental Land Cover

Impervious Surfaces (0.02 acres - 0 % of total)
(Bottom-Up**)

Area (acres)

- Bare Soil: 0.00
- Buildings: 0.02
- Other Paved: 0.00
- Roads: 0.00
- Railroads: 0.00
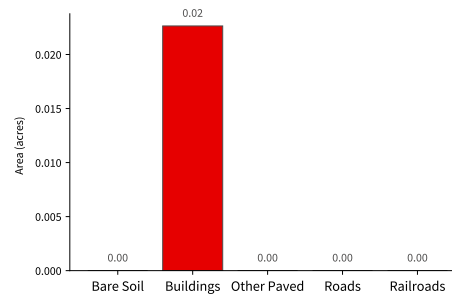
Agriculture (0 acres - 0 % of total)

No Agricultural Land Cover Mapped in this Area

Wetlands (30 acres - 6.6 % of total)

Area (acres)

- Emergent: 6.0
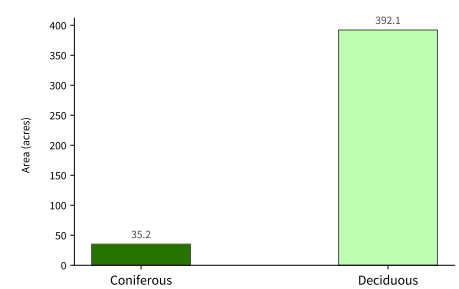- Forested: 23.5
- Scrub/Shrub: 0.6
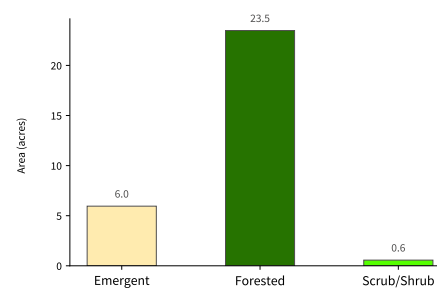
Tree Canopy (427.28 acres - 94.3 % of total)

Area (acres)

- Coniferous: 35.2
- Deciduous: 392.1

*Top-Down: A traditional land cover mapping approach - land cover is mapped as the uppermost land cover class.
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See UVM SAL High-Resolution Land Cover 2016 Report for more detail.