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1. How many acres does the town represent, and are there any conserved lands within the town. If so what is the percentage of conserved lands?

The total amount of land in the Town of Andover New Hampshire is 26,272 acres. Of these 26,272 acres 5560 acres are conserved land, making Andover 21 percent conserved land. This is close to meeting New Hampshire Everlasting’s goal of having twenty-five percent of each town conserved. The sources that were used to locate this information were found using the tables that come with the downloaded data sets from the GRANIT website. Additional information about the conserved land in Andover can be found on the following tables and maps.

Conserved Lands
Andover, NH

Legend
- Rivers and Streams
- Green: Conserved Land
- Blue: Lakes and Ponds

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<table>
<thead>
<tr>
<th># on Map</th>
<th>Name of Area</th>
<th>Description</th>
<th>Held by</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Broshek</td>
<td>Land provides public access for XC skiing, walking and natural studies. 55 Acres</td>
<td>ASLPT</td>
</tr>
<tr>
<td>2</td>
<td>Perry Easement</td>
<td>The land includes forest, open field, abandoned sugar orchard and pasture. 41.8 Acres</td>
<td>ASLPT</td>
</tr>
<tr>
<td>3</td>
<td>Graves</td>
<td>Pastureland with approximately 200 feet of frontage on Highland Lake and 2150 feet of frontage along Maple Street. 53.1 Acres</td>
<td>ASLPT</td>
</tr>
<tr>
<td>4</td>
<td>Lebo Easement</td>
<td>Lebo easement provides a critical link between two larger tracts: the Bernhard easement to the east, and the Newman easement to the west. 37 Acres</td>
<td>ASLPT</td>
</tr>
<tr>
<td>5</td>
<td>Bernhard + Mayman</td>
<td>175 Acres</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Taunton Hill Realty Trust</td>
<td>222 Acres</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Newman</td>
<td>727 Acres</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Proctor Academy Lands</td>
<td>1512 Acres</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Raged Mountain Fish and Game</td>
<td>796 Acres</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Wood, B</td>
<td>54 Acres</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>Wood, D</td>
<td>145 Acres</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Bog Pond Parcel</td>
<td>59 Acres</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>Kearsarge WMA</td>
<td>1036 Acres</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>Mount Kearsarge State Forest</td>
<td>236 Acres</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>Reiner Woodland Conservancy</td>
<td>197 Acres</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>Andover Village District Land</td>
<td>112 Acres</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>Fenton</td>
<td>79 Acres</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>Jones</td>
<td>25 Acres</td>
<td></td>
</tr>
</tbody>
</table>
2. Are there large undeveloped parcels of land in your region?

Unfragmented lands are lands that are not bisected by any roads or any other human development within the town. These lands are important to the town because they provide prime habitat to many forms of wildlife. The larger the size of the unfragmented parcel the more beneficial it is to the local wildlife. The town of Andover has five large un-fragmented parcels of land the largest of which covers most of the northern half of the town. This parcel of land 8602 acres and is approximately 33 percent conserved. Andover’s second largest parcel of unfragmented land is 2244 acres and is approximately 60 percent cover in conserved land. The other three unfragmented parcels of land in the town of Andover represent just under 4000 acres and are approximately 20 percent conserved.
Ownership within Andover Un-fragmented Land

Parcel #1

- Cook One Family Trust  
  Cook, Charlotte M & Fred L  
  34 South Sullaway Street  
  Franklin NH, 03235

  Lot 172, 360  
  Backland  
  158 Acres

- Boisuert Jr., Armand J  
  Boisuert, Diane B  
  PO box 147  
  East Andover NH, 03231

  Lot 347, 348  
  Sam Hill RD  
  291 Acres

- Hersey, James B  
  Hersey, Pauline  
  1057 Franklin highway  
  Andover NH, 03216

  Lot 38, 33  
  Sam Hill RD  
  151 Acres

- Bourdon, John  
  Bourdon, Joyce  
  120 Valley RD  
  Andover NH, 03216

  Lot 323, 194  
  120 Valley RD  
  118 Acres

- Eastman, Nathan C  
  1530 Hampton RD  
  Charleston WV, 25314

  Lot 611, 532
Tucker Mt. RD
233 Acres

- Joseph Ransmeter Trustee
  PO Box 600
  Concord NH, 03302
  Lot 356, 600
  Old College RD
  262 Acres

- Tombarello, George R
  63 Providence Hill RD
  Atkinson NH, 03811
  Lot 643, 344
  Old College RD
  702 Acres

- Pellietier, Crystal T
  Pellietier, Jacques T
  1004 Tiffen CT
  Jacksonville NC, 28546
  Lot 248, 28
  Elbow Pond RD
  237.4 Acres

- Proctor Academy
  PO Box 500
  Andover NH, 03216
  Lot 513, 487
  Backland
  351 Acres

  Lot 834, 460
  Backland
  467.25 Acres

  Lot 419, 440
  Backland
  240 Acres

- Fidler, Katharine E
  PO Box 180
Andover NH, 03216

Lot 697, 52  
Elbow Pond RD  
187.6 Acres

- Ragged Mountain Fish and Game  
  C/O Treasurer  
  217 Ragged Mt. Club RD  
  Andover NH, 03216

  Lot 880, 420  
  Upper Ridge RD  
  1248 Acres

- Wood, Richard D  
  142 Circle RD  
  Lenhartsville PA, 19534

  Lot 810, 429  
  Depot St.  
  144 Acres

- Simonds, Frank X  
  78 River View RD  
  Pemaquid ME, 04558

  Lot 170, 110  
  Tucker Mt. RD  
  203 Acres

Parcel #2

- Seigel, Gary J  
  Seigel, Marsha L  
  711 Flaghole RD  
  Andover NH, 03216

  Lot 504, 21  
  711 Flaghole RD  
  116 Acres

- Andrus, Florence A  
  673 Flaghole RD
Andover NH, 03216

Lot 672, 37
673 Flaghole RD
229 Acres

- Wood, Sutton
  48 Brickhouse RD
  Andover NH, 03216

  Lot 860, 36
  Brickhouse RD
  206.6 Acres

- Fredrick H Condon Trust
  PO Box 145
  East Andover NH 03216

  Lot 188, 495
  Chase Hill RD
  158 Acres

- Gallagher, Victoria
  381 Flaghole RD
  Andover NH, 03216

  Lot 686, 30
  Flaghole RD
  138 Acres

- Rose, Bruce
  367 Emery RD
  Andover NH, 03216

  Lot 223, 180
  Emery RD
  128 Acres

- Shaw, Hale P
  PO Box 272
  East Andover NH, 03231

  Lot 30, 109
  Emery RD
  101.2 Acres
Parcel #3

- Fifield, Jon
  96 Putny RD
  Andover NH, 03216
  Lot 372, 27
  Putny RD
  158 Acres

- Ambrose Logging Company
  PO Box 1387
  Merideth NH, 03253
  Lot 609, 39
  Raccoon Hill RD
  100 Acres

Parcel #4

- Jane H Fenton Rev. Trust
  125 Beech Hill RD
  Andover NH 03216
  Lot 894, 178
  Fenvale RD
  230 Acres

- Emerson, James P III
  6 South Danbury RD
  Wilmot NH, 03287
  Lot 370, 36
  Beech Hill RD
  100 Acres

- Richard F Stetson Trust
  PO Box 210
  Andover NH, 03216
  Lot 495, 36
  Beech Hill RD
  201 Acres

- Cangiano, Karen P
433 Walnut St.
Brookline MA 02146

Lot 800, 37
Backland
150 Acres

- Reiner Woodland Cons. Trust
  Carl Reiner Trustee
  266 Hallville RD
  Exeter RI, 02822

  Lot 89, 36
  Bradly Lake RD
  165.1 Acres

Parcel #5

- New Hampshire State of DRED
  PO Box 1856
  Concord NH, 03302

  Lot 745, 466
  Mt. KSG. State Forest
  221 Acres

- Zia Group INC.
  PO Box 300
  Andover NH, 03216

  Lot 200, 172
  Camp Marlyn Ln.
  152 Acres

- Stisser, Peter A
  74 Glen Hill RD
  Wilton CT 06397

  Lot 590, 150
  Dawes RD
  293 Acres
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## Landcover: Andover

<table>
<thead>
<tr>
<th>Parcel #</th>
<th>Size in Acres</th>
<th>% Conserved</th>
<th>Land Cover / Other Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>8602.9</td>
<td>≈33 %</td>
<td>Spruce / Fir, Beech / Oak, Mixed Forest, Other Hardwoods</td>
</tr>
<tr>
<td>2</td>
<td>1560.6</td>
<td>0%</td>
<td>Beech / Oak, Mixed Forest, White / Red Pine</td>
</tr>
<tr>
<td>3</td>
<td>507.5</td>
<td>≈ 2 %</td>
<td>White / Red Pine, Mixed Forest, Other Hardwoods, Spruce / Fir</td>
</tr>
<tr>
<td>4</td>
<td>1588.7</td>
<td>≈ 15 %</td>
<td>Paper Birch / Aspen, White / Red Pine, Beech / Oak, Other Hardwoods,</td>
</tr>
<tr>
<td>5</td>
<td>2244.2</td>
<td>≈ 60 %</td>
<td>Other Hardwoods, White / Red Pine, Spruce / Fir, Mixed Forest, Paper Birch / Aspen, Beech / Oak</td>
</tr>
</tbody>
</table>
3. What is the rate of development in the past ten years, where has new development occurred, what is the potential for development, and has a build-out analysis been done?

From 1990 to 2000 the population in Andover, New Hampshire increased from 1,883 people to 2,109 people, a 12% increase in population. This percent increase is far lower than it’s bordering town Danbury, however Andover’s population is almost twice Danbury’s. The attached graphs show that Andover’s population, as well as its number of housing units are steadily rising, much like the surrounding towns. This shows that Andover’s rate of development is also on a steady, yet upward rise.

The town of Andover New Hampshire has not performed a build out analysis at this point; however the town is in the beginning process of creating a new master plan. The town’s administrator, Mark Stetson hopes the town will be able to have a build-out analysis performed on the town’s undeveloped land. The largest barrier currently standing in the way of this procedure is the expense. A build out analysis is time consuming and therefore very expensive, as is compiling a new master plan, which is first priority in the next few years.

Total Housing Units

![Bar chart showing the total housing units for different years and locations.

- New London
- Wilmot
- Andover
- Danbury


# of Units

- 1990: New London - 1500, Wilmot - 500, Andover - 600, Danbury - 300

Legend:
- New London
- Wilmot
- Andover
- Danbury
Population Growth

<table>
<thead>
<tr>
<th>Year</th>
<th># of People</th>
</tr>
</thead>
<tbody>
<tr>
<td>1970</td>
<td></td>
</tr>
<tr>
<td>1980</td>
<td></td>
</tr>
<tr>
<td>1990</td>
<td></td>
</tr>
<tr>
<td>2000</td>
<td></td>
</tr>
</tbody>
</table>

- New London
- Wilmot
- Andover
- Danbury
Andover Population


Number of People:
- 1970: 1100
- 1980: 1500
- 1990: 1900
- 2000: 2000
Andover Housing Trend

<table>
<thead>
<tr>
<th>Year</th>
<th># of Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>1970</td>
<td>33</td>
</tr>
<tr>
<td>1980</td>
<td>440</td>
</tr>
<tr>
<td>1990</td>
<td>680</td>
</tr>
<tr>
<td>2000</td>
<td>880</td>
</tr>
</tbody>
</table>

- # Single Family Homes
- # Multi-family Homes
- # Mobile Homes
4. + 5. Does the master plan in your town address conservation? Is there a conservation commission? Are they actively pursuing any parcels?

The town of Andover does address conservation within its master plan. Chapter six of the master plan is titled Conservation and Preservation and includes such sub-titles as an historic overview of Andover, identification of historic resources in Andover, tools used in historic preservation, and comprehensive approach to conservation and preservation. According to the document the town feels that one of its most important aspects is its unique historic character. By putting considerable amount of time and energy into the town's past that the town's character will be preserved for the future. Andover has many old buildings, covered bridges, and active farms that they feel help tell the town's story, and are essential parts of the town's make-up. This chapter in the town's master plan also addresses sensitive natural areas within the town, and the natural resource inventory that has been completed by the town. The master plan for the town however is over ten years old, and the town is in the process of re-examining, and re-creating their master plan.

The town of Andover does have a conservation commission; however the formation of the commission happened since the town last prepared a master plan in 1992. Currently the town is in the initial steps of creating a new master plan. During the process the conservation commission plans to outline future conservation priorities. However at this point there are no set priorities besides the goal of conservation as a whole in the town. The name of the chairman leading the commissions is Gerry Heresy.

Information gathered from:


Andover Town Hall - Gerry Hersey (October, 04).
6. Are there actively managed agricultural lands in town, do they provide a public or private benefit, and do they have an easement on them?

The current use assessment was obtained from Andover’s town offices in order to determine what parcels of land could be classified as actively managed agricultural lands. The current use assessment is a program that was designed for the purpose of preserving large parcels of land that without the program could become sold to developers and subdivided because the past owners would not be able to afford the property tax on the land. The current use assessment allows the land owner to pay a significantly lower property tax, encouraging the owner to keep their land in open, undeveloped space.

Andover’s current use assessment identified seven parcels of actively managed agricultural land that were greater than twenty acres. Of these seven properties none held conservation easements, and only three provided a public benefit. The public use was determined by whether or not that particular parcel of land received a recreational tax discount.

The following map shows aerial photos taken of Andover in 1998. The large open parcels of land were identified and digitized using GIS. The digitized land was then queried to 10 acres allowing the map to show only the parcels of land greater than ten acres, in accordance to the ASLPT standards. Furthermore the maps were shown to community members to ground truth the findings.

Information gathered from:

Andover Current Use Document.

Andover Town Hall – Garry Hersey (October, 04).
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Andover Agriculture Lands
<table>
<thead>
<tr>
<th>Ownership</th>
<th>Parcel #</th>
<th>Acreage</th>
<th>Conservation Easement</th>
<th>Public Benefit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Andrus, Estate of Florence</td>
<td>627,37</td>
<td>20</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Smith Jr., William H</td>
<td>586,428</td>
<td>20</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Jelleme, Howard M</td>
<td>595,114</td>
<td>24.5</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Boisvert Jr., Armand J</td>
<td>781,514</td>
<td>25</td>
<td>no</td>
<td>yes</td>
</tr>
<tr>
<td>Hersey, Roger</td>
<td>892,92</td>
<td>38.1</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Proctor Academy</td>
<td>838,140</td>
<td>20</td>
<td>no</td>
<td>yes</td>
</tr>
<tr>
<td>Boisvert Jr., Armand J</td>
<td>35,104</td>
<td>21</td>
<td>no</td>
<td>yes</td>
</tr>
</tbody>
</table>
7. Are there any actively managed forested lands in town, and do they have an easement on them.

The current use assessment was obtained from Andover’s town offices in order to determine what parcels of land could be classified as actively managed forest lands. The current use assessment is a program that was designed for the purpose of preserving large parcels of land. The current use assessment allows the land owner to pay a significantly lower property tax, encouraging the owner to keep their land in open, undeveloped space.

Andover’s current use assessment identified forty parcels of actively managed forest lands that were greater than fifty acres. Nineteen of which were managed hardwood forests, six forests that were managed pine, and fifteen other managed forest within Andover’s lines. Of the forty parcels of land, six have conservation easements, and twenty four provide some sort of public benefit. The public use was determined by whether or not that particular parcel of land received a recreational tax discount. Parcels of managed forest lands ranged from as small as fifty acres, to as large as 765.5 acres. The largest parcel of managed forest land belongs to Proctor Academy, a private high school in Andover that also owns eight other managed forests in the town.

Information gathered at:

Andover Current Use Document.
Andover Town Office (October, 2004).
<table>
<thead>
<tr>
<th>Ownership</th>
<th>Parcel #</th>
<th>Acreage</th>
<th>Conservation Easement</th>
<th>Public Benefit</th>
<th>Forest Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Siegel, Gary J</td>
<td>504, 21</td>
<td>97</td>
<td>no</td>
<td>no</td>
<td>Hardwood</td>
</tr>
<tr>
<td>Reiner Woodland Construction</td>
<td>89, 36</td>
<td>163</td>
<td>yes</td>
<td>yes</td>
<td>Hardwood</td>
</tr>
<tr>
<td>Emerson III, James P</td>
<td>475, 30</td>
<td>56</td>
<td>no</td>
<td>yes</td>
<td>Hardwood</td>
</tr>
<tr>
<td>Stisser, Peter A</td>
<td>590, 150</td>
<td>225</td>
<td>no</td>
<td>no</td>
<td>Hardwood</td>
</tr>
<tr>
<td>Sinclair Trustee, David C</td>
<td>188, 204</td>
<td>160</td>
<td>no</td>
<td>no</td>
<td>Hardwood</td>
</tr>
<tr>
<td>Bernhard, Alexander</td>
<td>380, 520</td>
<td>173</td>
<td>no</td>
<td>no</td>
<td>Hardwood</td>
</tr>
<tr>
<td>Proctor Academy</td>
<td>840, 96</td>
<td>128</td>
<td>no</td>
<td>yes</td>
<td>Hardwood</td>
</tr>
<tr>
<td>Gross, Donald J</td>
<td>771, 144</td>
<td>104</td>
<td>no</td>
<td>yes</td>
<td>Hardwood</td>
</tr>
<tr>
<td>Boisvert Jr, Armand J</td>
<td>347, 348</td>
<td>100</td>
<td>no</td>
<td>yes</td>
<td>Hardwood</td>
</tr>
<tr>
<td>Boisvert Jr, Armand J</td>
<td>35, 104</td>
<td>292</td>
<td>no</td>
<td>yes</td>
<td>Hardwood</td>
</tr>
<tr>
<td>Hersey, Gerald E</td>
<td>38, 33</td>
<td>96</td>
<td>no</td>
<td>no</td>
<td>Hardwood</td>
</tr>
<tr>
<td>Fortin &amp; Redmond Associates</td>
<td>643, 344</td>
<td>447</td>
<td>yes</td>
<td>yes</td>
<td>Hardwood</td>
</tr>
<tr>
<td>Pelletier, Crystal T</td>
<td>248, 28</td>
<td>120</td>
<td>no</td>
<td>no</td>
<td>Hardwood</td>
</tr>
<tr>
<td>Bardsley Trust, William</td>
<td>488, 210</td>
<td>57</td>
<td>no</td>
<td>yes</td>
<td>Hardwood</td>
</tr>
<tr>
<td>Proctor Academy</td>
<td>834, 460</td>
<td>180</td>
<td>no</td>
<td>yes</td>
<td>Hardwood</td>
</tr>
<tr>
<td>Proctor Academy</td>
<td>419, 440</td>
<td>108</td>
<td>no</td>
<td>yes</td>
<td>Hardwood</td>
</tr>
<tr>
<td>Ragged Mountain Fish &amp; Game</td>
<td>880, 420</td>
<td>775</td>
<td>yes</td>
<td>no</td>
<td>Hardwood</td>
</tr>
<tr>
<td>Grasmere Family Trust</td>
<td>568, 194</td>
<td>126</td>
<td>no</td>
<td>no</td>
<td>Hardwood</td>
</tr>
<tr>
<td>Simonds, Frank X</td>
<td>170, 110</td>
<td>162</td>
<td>no</td>
<td>yes</td>
<td>Hardwood</td>
</tr>
<tr>
<td>Gallagher, Victoria</td>
<td>686, 30</td>
<td>102</td>
<td>no</td>
<td>yes</td>
<td>Other</td>
</tr>
<tr>
<td>Name</td>
<td>House</td>
<td>Number</td>
<td>District</td>
<td>Party</td>
<td>Other</td>
</tr>
<tr>
<td>-------------------------------------</td>
<td>-------</td>
<td>--------</td>
<td>----------</td>
<td>-------</td>
<td>--------</td>
</tr>
<tr>
<td>Emerson III, James P</td>
<td>475,</td>
<td>89</td>
<td>no</td>
<td>yes</td>
<td>Other</td>
</tr>
<tr>
<td>Proctor Academy</td>
<td>30</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stisser, Peter A</td>
<td>590,</td>
<td>66</td>
<td>no</td>
<td>no</td>
<td>Other</td>
</tr>
<tr>
<td></td>
<td>150</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Green Rev Trust, Elizabeth</td>
<td>120,</td>
<td>80</td>
<td>no</td>
<td>no</td>
<td>Other</td>
</tr>
<tr>
<td></td>
<td>487</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Proctor Academy</td>
<td>840,</td>
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</tbody>
</table>
8. What plant communities are in town? Are there any threatened or endangered species?

The plant communities were determined for the town of Andover using the state wide land cover GIS layer that was downloaded from the GRANIT website. The acres were calculated and printed out in a chart on the following page. The most abundant type of forest found in the town of Andover was beach/oak, with just under four thousand acres, followed closely by the mixed forest.

<table>
<thead>
<tr>
<th>Landcover</th>
<th>Acres</th>
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<tr>
<td>Developed</td>
<td>925</td>
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<td>Transportation</td>
<td>2827</td>
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<tr>
<td>Row Crop</td>
<td>233</td>
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<tr>
<td>Hay / Pasture</td>
<td>6445</td>
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<tr>
<td>Orchards</td>
<td>133</td>
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<tr>
<td>Beech / Oak</td>
<td>3828</td>
</tr>
<tr>
<td>Paper Birch / Aspen</td>
<td>1553</td>
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<tr>
<td>Other Hardwoods</td>
<td>1022</td>
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<tr>
<td>White / Red Pine</td>
<td>997</td>
</tr>
<tr>
<td>Spruce / Fir</td>
<td>3014</td>
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<tr>
<td>Hemlock</td>
<td>8611</td>
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<tr>
<td>Mixed Forest</td>
<td>3579</td>
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<tr>
<td>Open Water</td>
<td>3514</td>
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<tr>
<td>Forested Wetland</td>
<td>588</td>
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<tr>
<td>Non-forested Wetland</td>
<td>239</td>
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<tr>
<td>Disturbed</td>
<td>210</td>
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<tr>
<td>Other cleared</td>
<td>618</td>
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</table>

Information gathered from:

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Endangered Species
Andover, NH

Legend
- Endangered Species
- Birds
- Mussels
- Plant species
- Reptiles / Amphibians
- Roads
- Rivers and Streams
- Lakes and Ponds

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9. Are there ecologically important lands in your town to wildlife?

Ecologically important lands in the town of Andover were measured in a number of different ways in this investigation. There are four maps used to show ecologically important lands, they are Un-Fragmented Lands, Connectivity, Forest Continuity Index, and Interior Habitat.

Unfragmented lands are lands that are not bisected by any roads or any other human development within the town. These lands are important to the town because they provide prime habitat to many forms of wildlife. The larger the size of the unfragmented parcel the more beneficial it is to the local wildlife.

The Forest Continuity Index (FCI) is a way of measuring the relative shape of a particular parcel of unfragmented land. If the FCI is low, a parcel of land is more round than a parcel with a higher FCI. If the parcel of land is round then it has less of an edge effect, making the parcel of land more beneficial for wildlife habitat.

The connectivity shows corridors that connect the unfragmented parcels of land. Corridors are important to local wildlife because they allow genetic variation and for many species, they provide more opportunity for breeding.

Unfragmented lands were determined by placing a 500 foot buffer on all the roads within the town. This was done because most development occurs within 500 feet of roads. Once identified, the parcels were color coded according to the size. The interior habitat was represented by placing a 100 foot buffer on the inside of the fragmented land, the land that was not covered by the buffer represented the interior habitat. To determine the corridors from parcel to parcel a 300 foot buffer was placed around the rivers and streams within the town. The sections of the buffer that connected two unfragmented pieces of land were then clipped to the unfragmented land layer. These sections were considered corridors between the parcels of land. The Unfragmented land layer was used to find the FCI within each parcel. The equation used to determine the FCI is:

\[
\text{Perimeter (feet)} \div 2 \sqrt{\pi \text{area (sq feet)}}
\]

Once entered into the GIS program, the FCI’s were calculated for each parcel. The parcels were color coded according to their FCI in order to show a visual representation.

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Legend
- Andover Border
- Interior Habitat (in acres)
  - 1 - 19
  - 20 - 99
  - 100 - 499
  - 500 - 2500
  - > 2500 (undeveloped)
- Lakes and Ponds
- Rivers and Streams

Interior Habitat
Andover, NH

0 2 4 Miles

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New London, NH 03257
(603) 526-3444

Colby-Sawyer College
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Corridors
Andover, NH

Legend
- Andover Borders
- Corridors
- Unfragmented Lands (acres)
  1 - 19
  20 - 99
  100 - 499
  500 - 2500
  >2500 (undeveloped)
- Lakes and Fonds

Institute for Community & Environment
541 Main Street
New London, NH 03257
(603) 526-3444
10. Are there areas in town adjacent to surface waters that are undeveloped, are there any aquifers in town? Identify where impervious surface threatens water quality.

The aquifers in the town of Andover fall generally in the middle of the town’s development. Although this is not necessarily a good thing, it is normal for a town to be developed around its main sources of water. When these towns were developed over 100 years ago transportation was not as easy as it is today, and being close to water was a main priority of development. The water resources map shows where the developed areas and the aquifers overlap, as well as where the aquifers and conserved land overlap.

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11. What are the recreational uses of land in town?

Andover’s recreation is based around the Blackwater ski area (see attached picture), which is privately owned by the Proctor Academy, and run by the Andover Outing Club (AOC). The AOC offers a combination of Alpine Skiing, Ski Jumping, and Nordic Skiing. Their alpine facilities include a ski club for youth racing, six trails, two lifts, and night lighting over 85 percent of the mountain. Blackwater has four different size ski jumps, K 10, K 18, K 34, and K 38. Having a range of jumps makes it safe for all abilities to experience the sport. The Blackwater Nordic trail system is located at the base of the alpine facilities; they provide seven kilometers of groomed trails.

The town of Andover also contains snowmobile trails that can be found on the Andover Snowmobile Club trail map, as well as the New Hampshire Snowmobile map (see attached maps).

In the summer Andover also provides many different hiking options, Section 9 and 10 of the Sunapee – Ragged – Kearsarge greenway are located within the town lines (see attached maps) as well as a network of trails on Proctor Academy’s lands.

It is important to know that the icons that represent the recreation resources on the recreation resources map are general representation of the actual location were the resource may exist.

Information gathered from:

Recreation Resources
Andover, NH

Legend
- Lakes and Ponds
- Rivers and Streams
- Roads
- Skiing
- Snowmobile Trails
- Hiking Trails

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Institute for Community & Environment
541 Main Street
New London, NH 03257
(603) 526-3444
12. Where are there scenic viewing opportunities in town?

<table>
<thead>
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<th>Andover</th>
<th>Noise Level</th>
<th>Picture File</th>
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<td>very light / no road noise</td>
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</tr>
<tr>
<td>Lake / Mountains</td>
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<td>1010033</td>
</tr>
<tr>
<td>Pond</td>
<td>medium noise, off rt. 11</td>
<td>1010034</td>
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<tr>
<td>Cows</td>
<td>medium road noise, rt. 11</td>
<td>1010035</td>
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<tr>
<td>Farm</td>
<td>medium noise, rt. 11</td>
<td>1010036</td>
</tr>
<tr>
<td>Covered Bridge</td>
<td>no noise</td>
<td>1010037, 101001</td>
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</table>
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