



Bear Lake County Forest Inventory Stocks



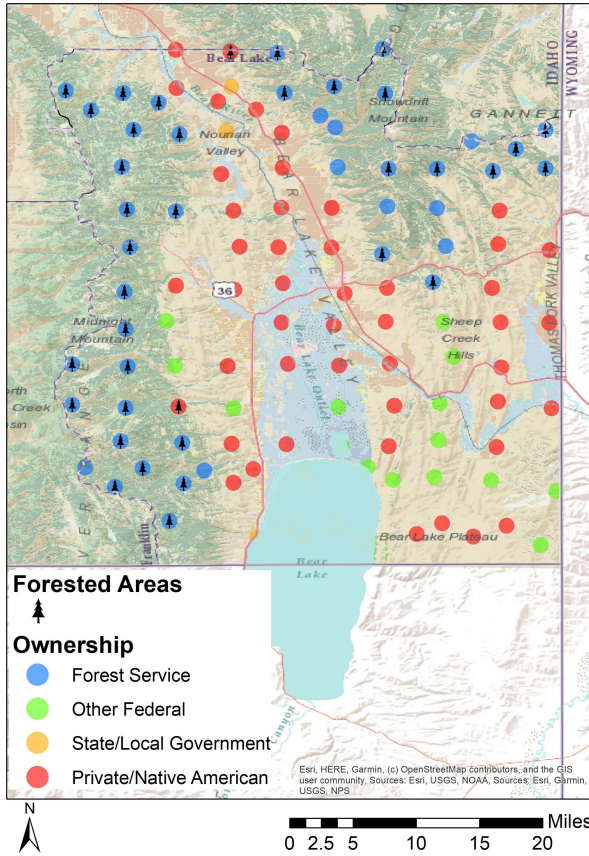
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Land Base Overview

The Forest Inventory and Analysis (FIA) program administered by the USDA Forest Service serves as our national forest inventory. In Idaho, each plot represents roughly 6,000 acres and is revisited on a 10-year cycle beginning in 2004. The data collected provides valuable information on forest extent and stocks as well as how those stocks change over time. This fact sheet details the FIA data for Bear Lake County, Idaho.

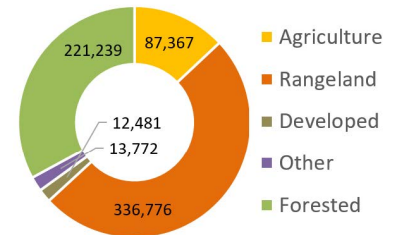
Area Sq Miles	Forested Acres	% Forested	Total Acres
1,049.43	221,239	32.9%	671,635

Bear Lake County is forested with just over 220,000 acres (33%) of its land base classified as forest. Forest Service forests dominate the western and northeastern parts of the county while the private land is concentrated mostly in the southeast.



Distribution of 114 Idaho USDA Forest Inventory and Analysis Plots by land ownership

Land Use



Area and Volume by Forest Type and Owner

Equally important to the overall extent of the county's forests is its ownership and prevalent forest types. Forest extent by type and the volume on those acres provides insight into the economic and ecological opportunities given each owner's management focus. Bear Lake County is dominated by Forest Service land in largely softwood forest types like True Fir and Douglas-fir.

	Private/ Native					Private/ Native				
	Forest Service	Other Federal	State/Local	American	Total	Forest Service	Other Federal	State/Local	American	Total
-----millions of cubic feet-----										
Softwood										
Douglas-fir	90	0	0	16	105	40	0	0	5	45
Lodgepole Pine	11	0	0	0	11	3	0	0	0	3
Other Softwood	35	0	0	0	35	4	0	0	0	4
True Fir	90	0	0	0	90	45	0	0	0	45
Hardwood	36	0	0	5	41	67	0	0	5	72
Total	261	0	0	21	282	159	0	0	10	170
-----thousand acres-----										



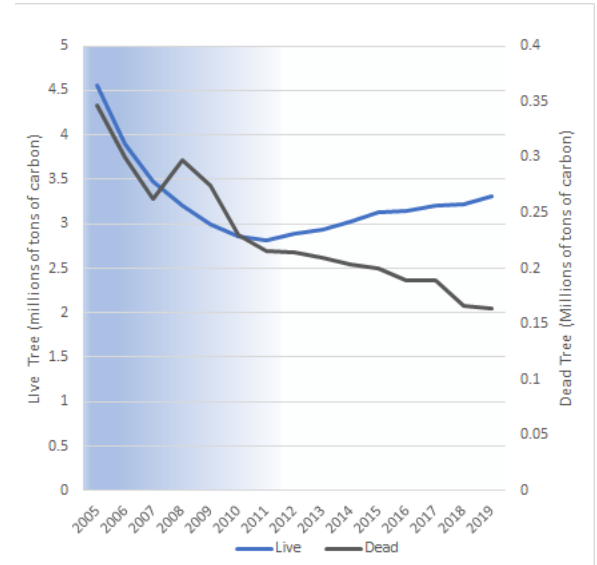
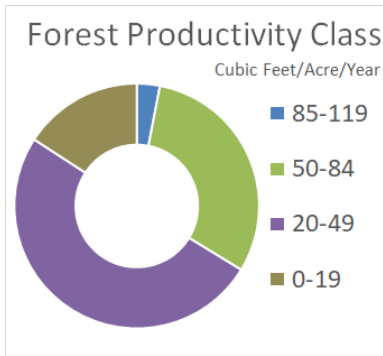
Bear Lake County Forest Inventory Change



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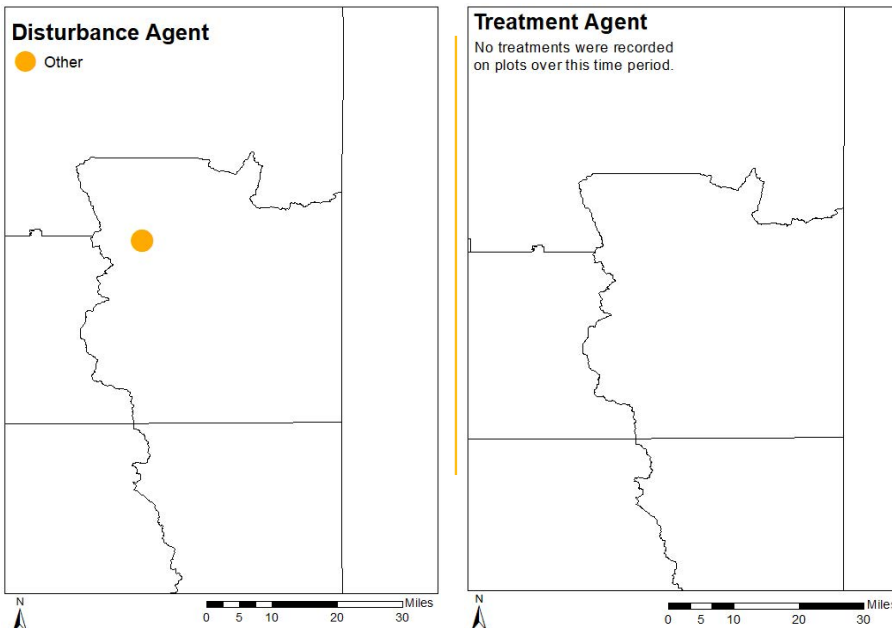
Forest Carbon

Forests are a significant part of the global carbon cycle. The productivity class indicates potential annual forest growth. This potential along with current forest size and stocking affect how much carbon a forest can intake, sequestering it from atmospheric accounts into woody biomass. Bear Lake County's forests have been removing carbon from the atmosphere at a rate of 0.05 MT C per year since 2013. Dead tree carbon pools have varied over that time period ranging between 0.15 and 0.35 MT C in stocks.



Each year since 2004, the FIA has measured 1/10th of the plots in Bear Lake County. This means that a full sample was not collected until 2013. This is indicated by the blue coloring on the graph, which becomes lighter as more plots are measured. The early measurements are less precise than the ones after 2013, when all plots were measured, and the remeasuring process began.

Disturbance



Disturbances, either natural or management-related, are another factor of change affecting Idaho's forests. Other disturbances are the largest factor of disturbance observed in the FIA data for Bear Lake County, and becoming a bigger problem as it infects more trees. There is no forest management related disturbance in Bear Lake County.

	Forest Service	Other Federal	State/Local	Private/Native American	Total
----- acres -----					
Disturbance					
Disease	0	0	0	0	0
Fire	0	0	0	0	0
Insect	0	0	0	0	0
Other Disturbance	4,649	0	0	0	4,649
Total	4,649	0	0	0	4,649
Management					
Planting	0	0	0	0	0
Cutting	0	0	0	0	0
Other Treatment	0	0	0	0	0
Preparation	0	0	0	0	0
Total	0	0	0	0	0
Grand Total	4,649	0	0	0	4,649