



Clark County Forest Inventory Stocks



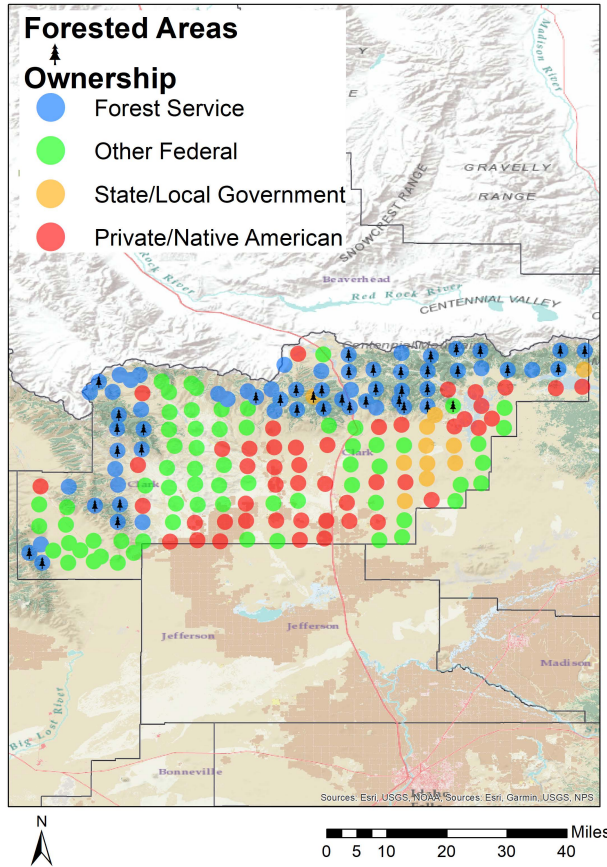
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Land Base Overview

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 Clark County, Idaho.

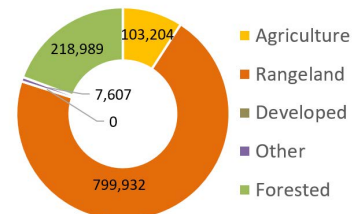
Area Sq Miles	Forested Acres	% Forested	Total Acres
1,765	218,989	19.4%	1,129,732

Clark County has just under 220,000 acres (19%) of its land base classified as forest. Forest Service forests dominate the northern and western parts of the county while the federal and private land is concentrated mostly in the south and southwest parts of the county.



Distribution of 186 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. Clark County is largely Forest Service land in largely softwood forest types like True Fir, Lodgepole Pine, Douglas-fir, and other softwood.

	---millions of cubic feet---					---thousand acres---				
	Forest Service	Other Federal	State/Local	Private/Native American	Total	Forest Service	Other Federal	State/Local	Private/Native American	Total
Softwood										
Douglas-fir	284	0	13	0	298	120	0	6	0	126
Lodgepole Pine	25	0	0	0	25	12	0	0	0	12
Other Softwood	26	0	0	0	26	18	0	0	0	18
True Fir	25	0	0	0	25	14	0	0	0	14
Hardwood										
Hardwood	2	2	0	0	4	43	6	0	0	49
Total	363	2	13	0	377	207	6	6	0	219



Clark County Forest Inventory Change

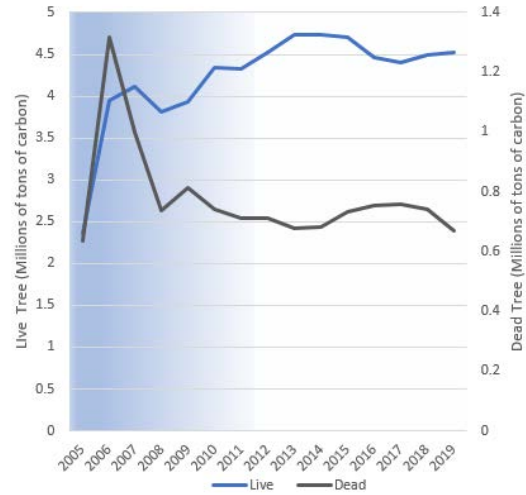
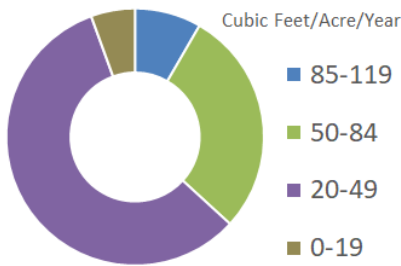


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Forest Carbon

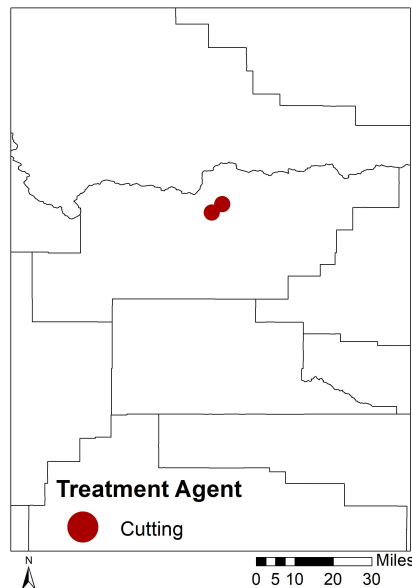
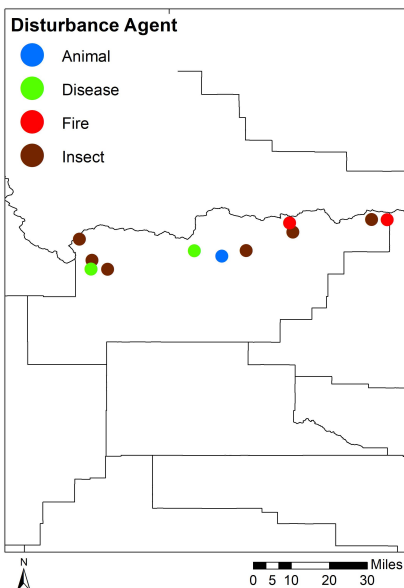
Forests are a significant part of the global carbon cycle. The productivity class indicates potential annual forest growth. This potential along with current forest size and stocking affect how much carbon a forest can intake, sequestering it from atmospheric accounts into woody biomass. Clark County's forests have been emitting carbon at a rate of 0.03 MT C per year since 2013. Dead tree carbon pools have fluctuated over that time period ranging between 0.6 and 1.4 MT C in stocks.

Forest Productivity Class



Each year since 2004, the FIA has measured 1/10th of the plots in Clark 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. Insects are the largest factor of disturbance observed in the FIA data for Clark County, and becoming a bigger problem as they infect more trees. Forest management related disturbance is much smaller.

	Forest Service	Other Federal	State/Local	Private/Native American	Total
----- acres -----					
Disturbance					
Disease	3,651	0	0	0	3,651
Fire	3,651	0	0	0	3,651
Insect	17,039	0	0	0	17,039
Other Disturbance	1,065	0	0	0	1,065
Total	25,407	0	0	0	25,407
Management					
Planting	0	0	0	0	0
Cutting	609	0	345	0	953
Other Treatment	0	0	0	0	0
Preparation	0	0	0	0	0
Total	609	0	345	0	953
Grand Total	26,015	0	345	0	26,360