



Custer County Forest Inventory Stocks



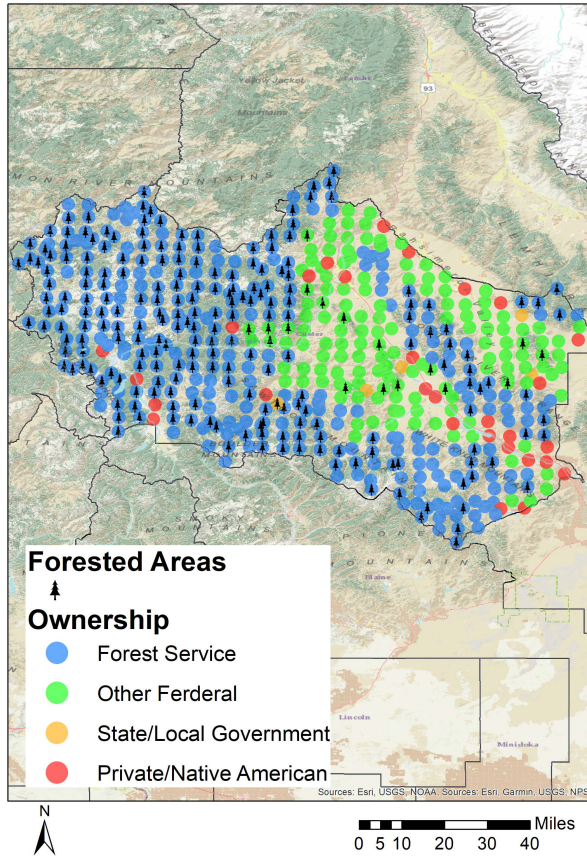
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Land Base Overview

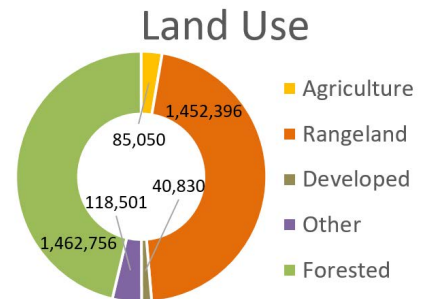
The Forest Inventory and Analysis (FIA) program administered by the USDA Forest Service serves as our national forest inventory. In Idaho, each plot represents roughly 6,000 acres and is revisited on a 10-year cycle beginning in 2004. The data collected provides valuable information on forest extent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

Area Sq Miles	Forested Acres	% Forested	Total Acres
4,937	1,462,756	46.3%	3,159,533

Custer County has just under 1.5 million acres (46%) of its land base classified as forest. Forest Service forests dominate the western parts of the county while the federal land is concentrated mostly in the northeast.



Distribution of 528 Idaho USDA Forest Inventory and Analysis Plots by land ownership



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. Custer County is dominated by Forest Service land in largely softwood forest types like True Fir and Douglas-fir.

	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	898	60	4	0	962	561	48	2	0	610
Lodgepole Pine	121	0	0	0	122	123	5	0	0	128
Other Softwood	107	23	0	0	131	113	7	0	0	120
True Fir	415	9	0	0	424	268	10	0	0	278
Hardwood										
	14	0	0	0	14	285	20	0	0	304
Total	1,556	92	4	0	1,652	1,350	89	2	0	1,441



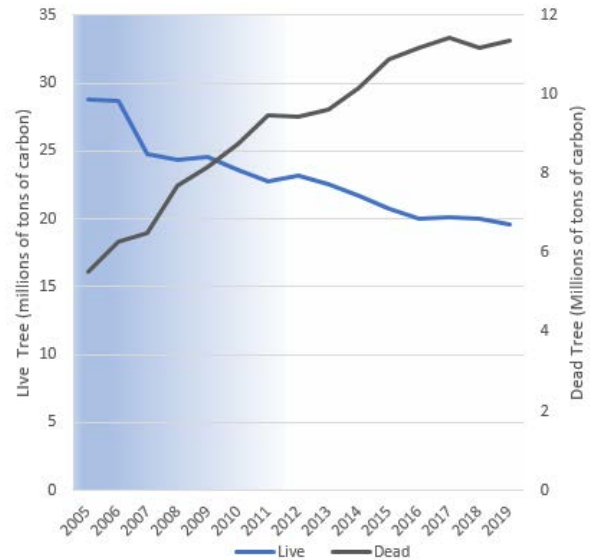
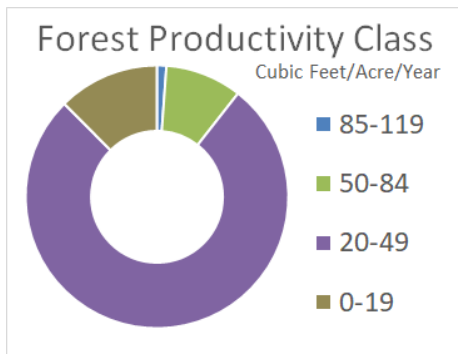
Custer County Forest Inventory Change



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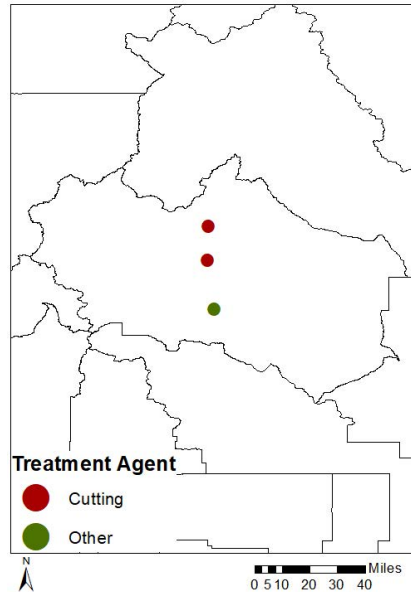
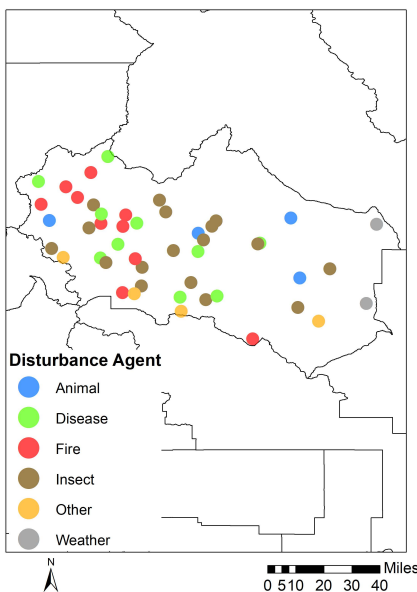
Forest Carbon

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. Custer County's forests have been emitting carbon at a rate of 0.4 MT C per year since 2013. Dead tree carbon pools have been risen over that time period ranging between 4 and 12 MT C in stocks.



Each year since 2004, the FIA has measured 1/10th of the plots in Custer 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 Custer 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	25,248	0	0	0	25,248
Fire	63,036	0	0	0	63,036
Insect	132,003	7,963	499	0	140,465
Other Disturbance	44,273	3,929	0	0	48,202
Total	264,560	11,892	499	0	276,951
Management					
Planting	0	0	0	0	0
Cutting	666	491	0	0	1,157
Other Treatment	666	0	0	0	666
Preparation	0	0	0	0	0
Total	1,331	491	0	0	1,822
Grand Total	265,891	12,383	499	0	278,773