



LEWIS & CLARK REPORTING
AREA Snowy Mtns

Forest Health Protection
 Annual Aerial Detection Survey
 2015

Map Location

1:100,000

0 2 4 Miles

UAS
 DEPARTMENT OF LANDS
 DNR

LEGEND

Affected Area Agents

- Bark Beetles
- Defoliators
- Disease
- Other

Reporting Area Bdy.

County Bdy.

Land Manager

- Private
- USFS
- BLM
- State
- Other Federal
- Tribal

Area Flown

Area Not Flown

Damage Agents Identified during the 2015 ADS Survey

Code	Bark Beetles	Defoliator Agents	Disease Agents	Other Agents
1	17 Douglas fir beetle	17 Western white pine	01 Western juniper	01 Forest fly
2	2 Englemann spruce beetle	20 Western spruce budworm	02 White pine blister canker	02 Winter injury
3	3 Mountain pine beetle (MPB)	20 Larch needle miner	03 Larch needle miner	03 Fire
4	4 Mountain pine beetle (MPB)	21 Spruce beetle	04 Larch needle miner	04 Flooding/high water
5	5 Mountain pine beetle (MPB)	22 Spruce beetle	05 Larch needle miner	05 Drought
6	6 Mountain pine beetle (MPB)	23 Spruce beetle	06 Larch needle miner	06 Other dead
7	7 Mountain pine beetle (MPB)	24 Spruce beetle	07 Larch needle miner	
8	8 Mountain pine beetle (MPB)	25 Spruce beetle	08 Larch needle miner	
9	9 Mountain pine beetle (MPB)	26 Spruce beetle	09 Larch needle miner	
10	10 Mountain pine beetle (MPB)	27 Spruce beetle	10 Larch needle miner	
11	11 Mountain pine beetle (MPB)	28 Spruce beetle	11 Larch needle miner	
12	12 Mountain pine beetle (MPB)	29 Spruce beetle	12 Larch needle miner	
13	13 Mountain pine beetle (MPB)	30 Spruce beetle	13 Larch needle miner	
14	14 Mountain pine beetle (MPB)	31 Spruce beetle	14 Larch needle miner	
15	15 Mountain pine beetle (MPB)	32 Spruce beetle	15 Larch needle miner	

CODE SYSTEM

The number of the digit after the dash is the number of the agent. The number after the dash is the number of dead trees in the polygon. Numbers after the dash followed by an "A" mean number of trees per acre. When trees are not counted, numbers are omitted for the digit in the number of trees. Codes 00-09 represent low volume white pine mortality. Code 10-19 represents the number of trees. Code 20-29 represents small volume white pine mortality, usually in tree plantations.

HOW THE AERIAL SURVEYS ARE CONDUCTED

Data represented on this map are based on trees visibly affected by forest insects and diseases which are detected and recorded in field reports by trained observers and pilots. These reports are conducted by staff belonging to the USDA Forest Service, the Montana Department of Natural Resources and Conservation, and the Idaho Department of Lands.

Observers have past few decades to complete the color observations of forest health and damaged trees of different species. Reported causal agent correctly, estimate the severity or extent of damage, and precisely record information on a map. An observer's field notes, maps, and observer responses can affect the quality of the survey. These data, when combined and the resulting data summaries provide an estimate of conditions on the ground, and may differ from estimates obtained by other methods.

Aerial surveys conducted annually provide information on the current status of some causal agents, and is important in comparing trend activity trends to compare previous and current survey data on large areas.

DISCLAIMER

The accuracy of the digital data used to create this map may vary upon which the insect and disease data are presented only in both source and scale. Therefore, accuracy is not guaranteed.

This map and the data it contains are provided as a reference only and should not be used for purposes of legal proceedings. The user assumes the responsibility for any use of the data for any purpose other than that for which it was intended. The user assumes the responsibility for any use of the data for any purpose other than that for which it was intended.