Aerial Detection Survey - 2011

Significant Pest Activity

- **Aspen Defoliation** 143,764 acres
- **Alder Dieback** 130,351 acres
- **Alder Defoliation** 123,033 acres
- **Birch Defoliation** 76,717 acres
- **Willow Defoliation** 63,861 acres
- **Spruce & Ips Beetle** 55,485 acres
- **Active Cedar Decline** 26,804 acres

Significant Pest Activity from Insect & Disease Aerial Detection Survey, U.S. Forest Service Forest, Health Protection, Region 10 & Alaska Department of Natural Resources, Division of Forestry, Forest Health Program, 2011.

Note: Many of the most distructive diseases are not represented on the map due to these agents not being detectable from aerial surveys. Significant Pest Activity polygons are accented with a large border for visualization.

Land Cover from the National Land Cover Database (NLCD), U.S. Geological Survey, Alaska Science Center, 2008.

Land Cover

- Open Water — NLCD class 11
- Glacier — NLCD class 12
- Developed — NLCD classes 21, 22, 23, 24
- Non-Forest/Non-Wetland — NLCD classes 31, 81, 82
- Deciduous Forest — NLCD class 41
- Coniferous Forest — NLCD class 42
- Mixed Forest — NLCD class 43
- Shrub — NLCD classes 51, 52
- Wetlands/Herbaceous — NLCD classes 71, 72, 74, 90, 95

0 25 50 100 150 200 Miles

0 37.5 75 150 225 300 Kilometers

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