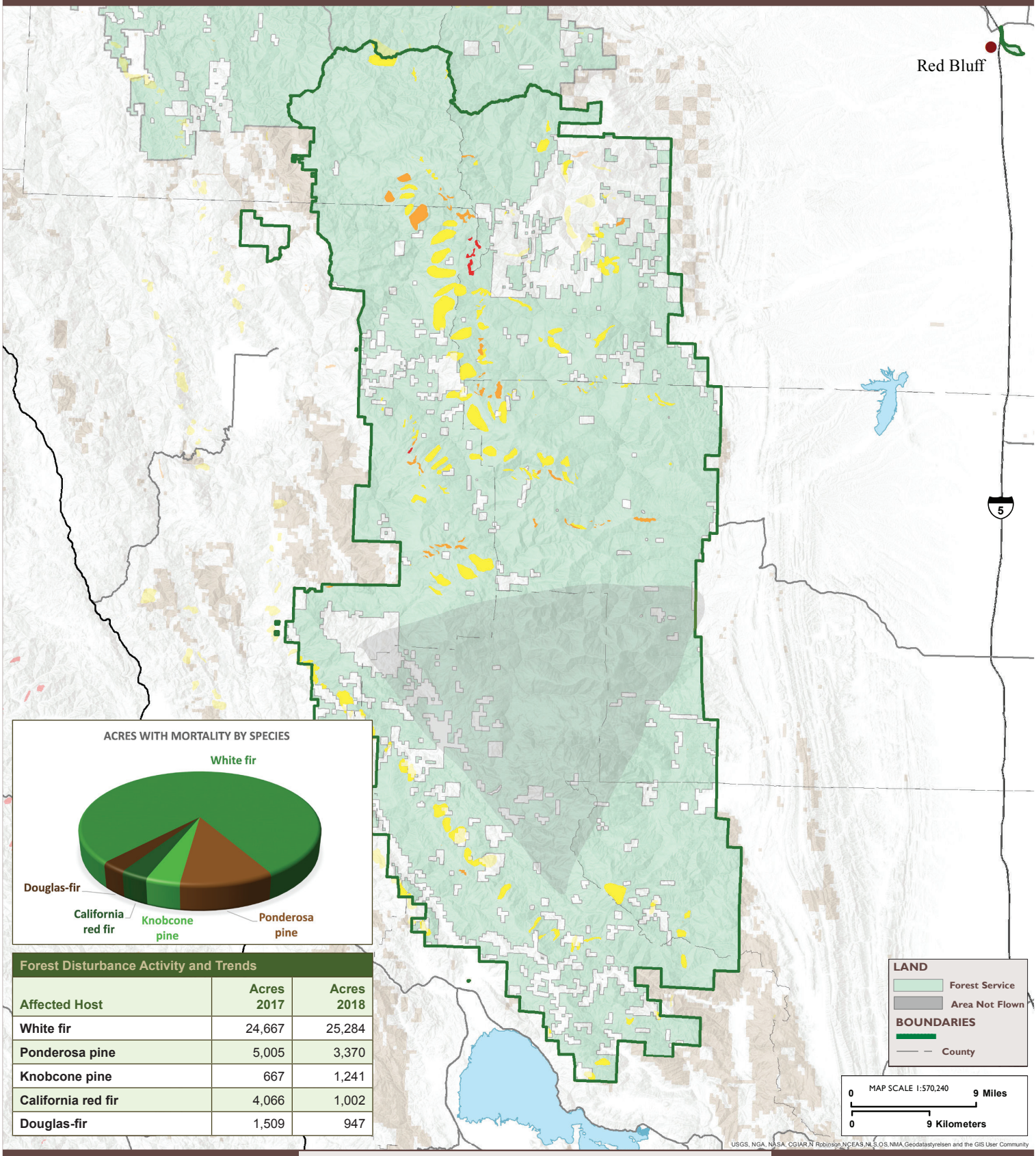
AERIAL DETECTION SURVEY, 2018
MENDOCINO NATIONAL FOREST

USDA
UNITED STATES DEPARTMENT OF AGRICULTURE



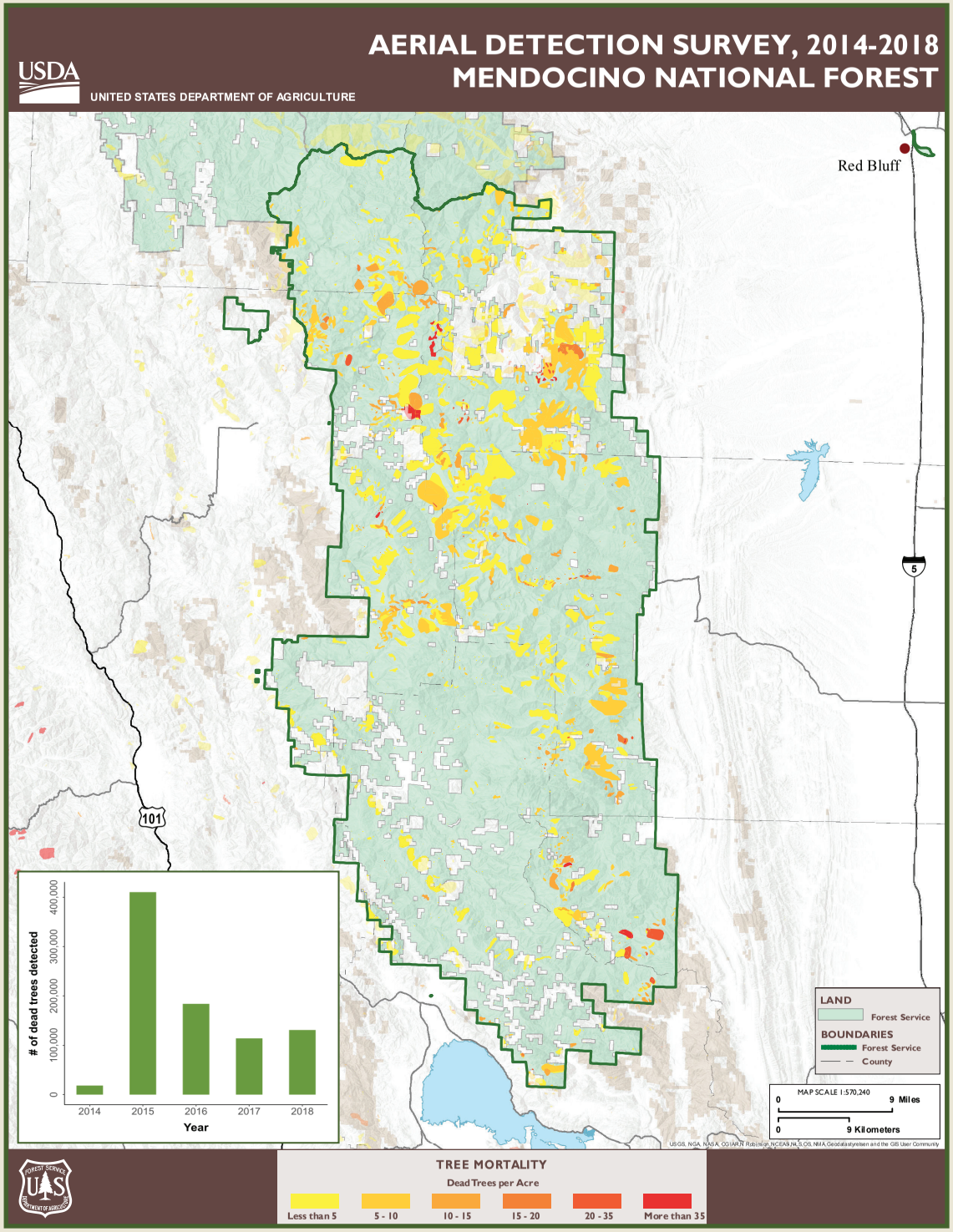
Forest Disturbance Activity and Trends

Affected Host	Acres 2017	Acres 2018
White fir	24,667	25,284
Ponderosa pine	5,005	3,370
Knobcone pine	667	1,241
California red fir	4,066	1,002
Douglas-fir	1,509	947

TREE MORTALITY

Dead Trees per Acre

Less than 5 | 5 - 10 | 10 - 15 | 15 - 20 | 20 - 35 | More than 35



Scattered white fir mortality on the Stonyford Ranger District, Mendocino National Forest.

Highlights

- Overall mortality increased from approximately 114,000 dead trees across 36,000 acres in 2017 to 131,000 dead trees across 32,000 acres in 2018.
- White fir had the highest mortality rate with approximately 110,000 dead trees across 25,000 acres in 2018 compared to an estimated 82,000 dead trees across 25,000 acres in 2017. Mortality was most common along the boundary of the Covelo and Grindstone Ranger Districts.
- California red fir mortality decreased from approximately 10,000 dead trees across 4,000 acres in 2017 to 4,000 dead trees across 1,000 acres in 2018.
- Ponderosa pine mortality continued to decrease from an estimated 17,000 dead trees across 5,000 acres in 2017 to 6,400 dead trees across 3,400 acres in 2018.
- Knobcone pine mortality increased from an estimated 1,700 dead trees in 2017 to 6,400 dead trees in 2018.