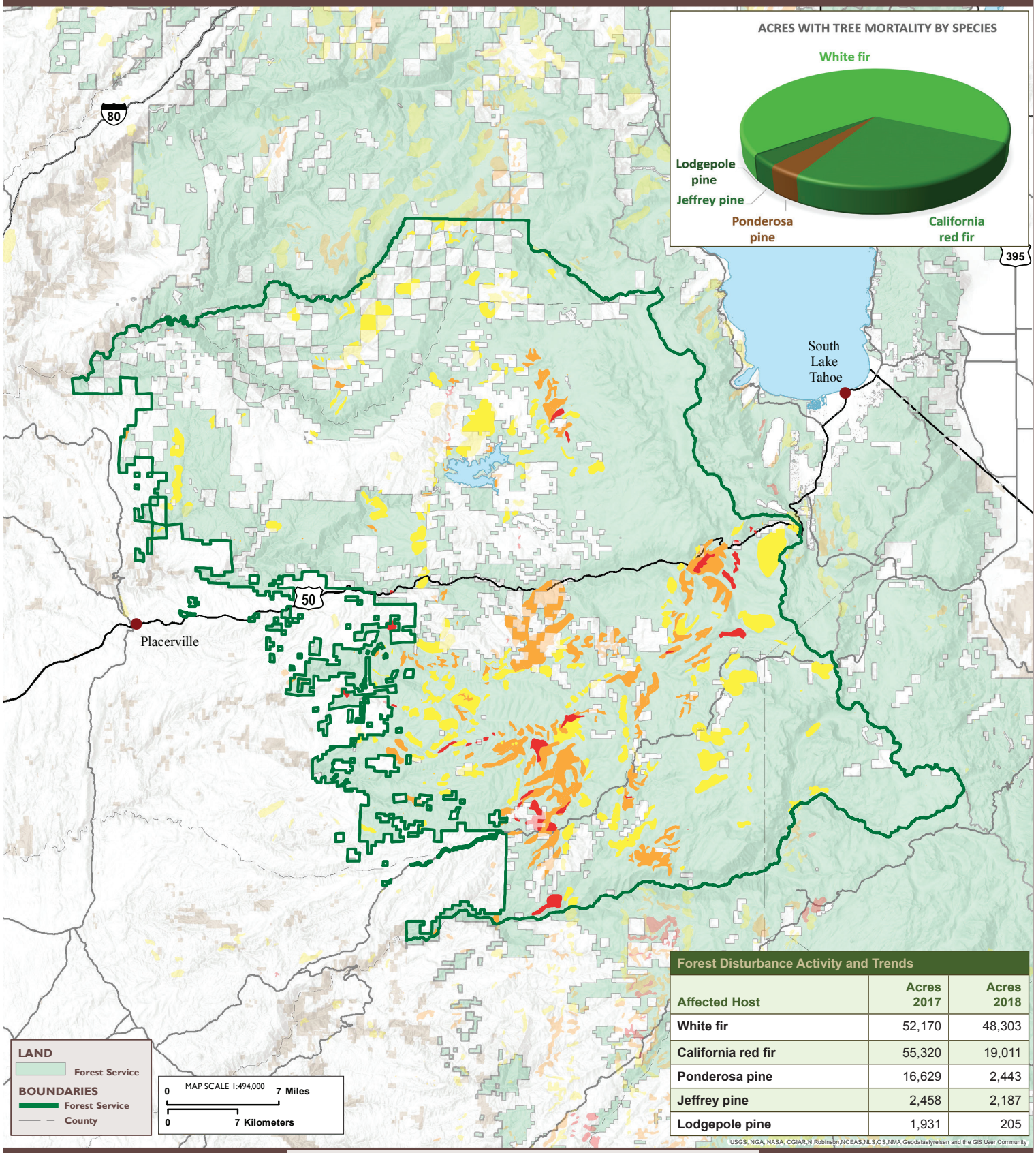
AERIAL DETECTION SURVEY, 2018
ELDORADO NATIONAL FOREST

USDA
UNITED STATES DEPARTMENT OF AGRICULTURE



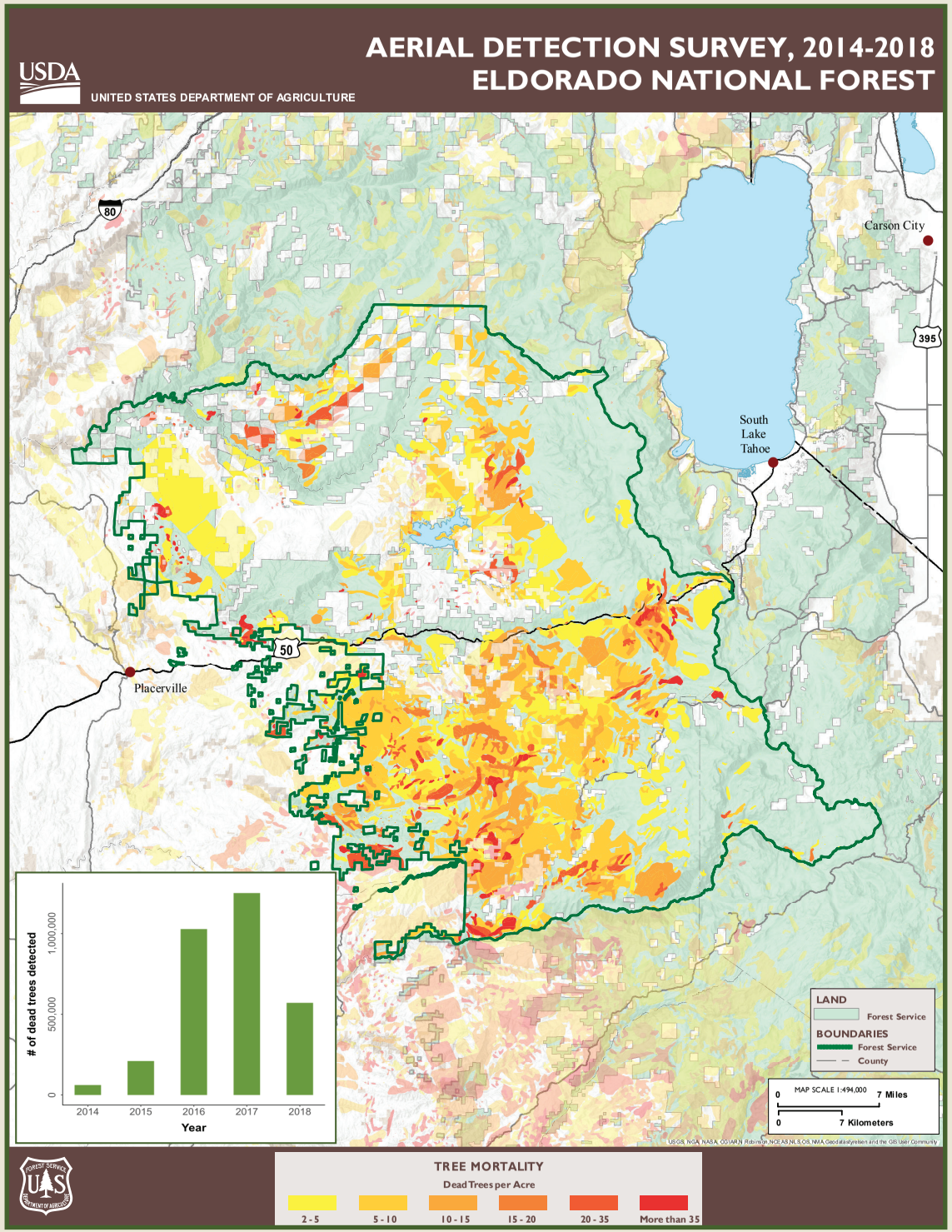
Forest Disturbance Activity and Trends

Affected Host	Acres 2017	Acres 2018
White fir	52,170	48,303
California red fir	55,320	19,011
Ponderosa pine	16,629	2,443
Jeffrey pine	2,458	2,187
Lodgepole pine	1,931	205

TREE MORTALITY

Dead Trees per Acre

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



Ponderosa pine mortality east of Grizzly Flats, Eldorado National Forest.

Highlights

- Overall mortality significantly decreased from an estimated 1,251,000 dead trees across 129,000 acres in 2017 to 571,000 dead trees across 72,000 acres in 2018. White fir accounted for the bulk of the mortality and was much more intense and widespread on the southern half of the Forest.
- White fir mortality decreased from an estimated 475,000 dead trees across 52,000 acres in 2017 to 370,000 dead trees across 48,000 acres in 2018.
- California red fir mortality decreased from 510,000 dead trees across 55,000 acres in 2017 to 149,000 dead trees across 19,000 acres in 2018.
- Ponderosa pine mortality decreased significantly from 246,000 dead trees across 17,000 acres in 2017 to 41,000 dead trees across 2,400 acres in 2018.
- Jeffrey pine mortality decreased with an estimated 13,000 dead trees recorded in 2017 compared to 8,900 dead trees in 2018.
- Lodgepole pine mortality continued to decline from 5,000 dead trees in 2017 to 205 dead trees in 2018.