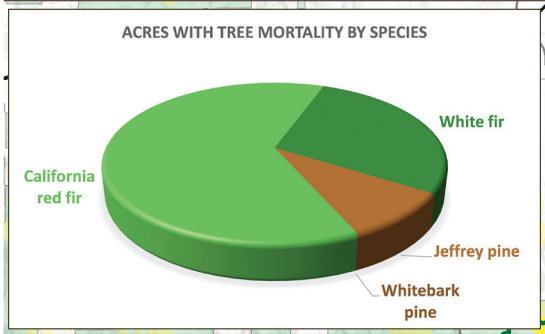
AERIAL DETECTION SURVEY, 2018
LAKE TAHOE BASIN MANAGEMENT UNIT

USDA
UNITED STATES DEPARTMENT OF AGRICULTURE



Carson City

395

South Lake Tahoe

50

LAND
Forest Service
BOUNDARIES
Forest Service
County

MAP SCALE 1:316,800
0 5 Miles
0 5 Kilometers

USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen and the GIS User Community

Forest Disturbance Activity and Trends		
Affected Host	Acres 2017	Acres 2018
California red fir	9,288	8,652
White fir	17,751	3,941
Jeffrey pine	494	1,303
Whitebark pine	1,861	1

TREE MORTALITY
Dead Trees per Acre

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

AERIAL DETECTION SURVEY, 2014-2018
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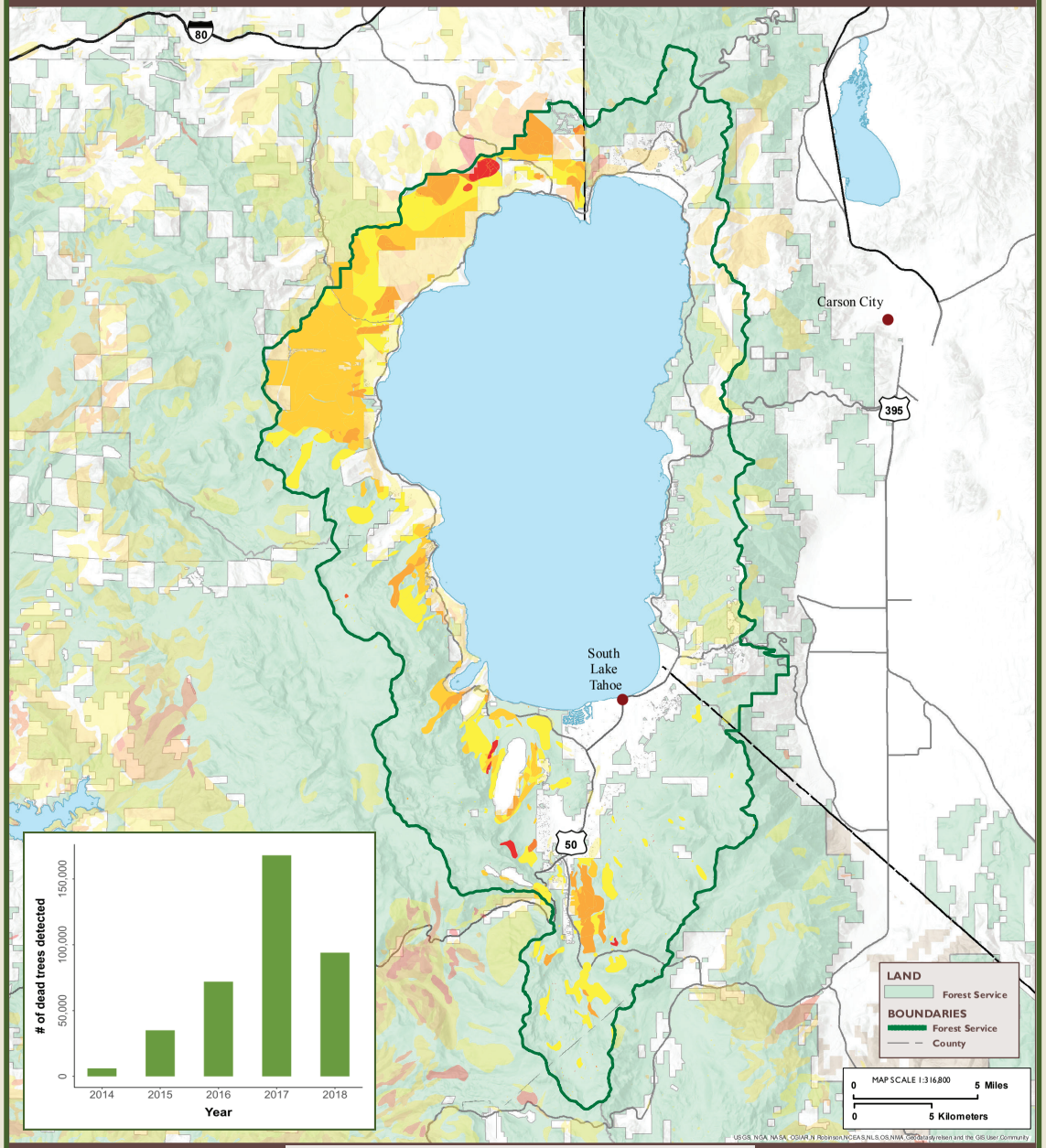

Scattered California red fir and Jeffrey pine mortality near the western edge of Lake Tahoe.

Highlights

- Overall mortality decreased from approximately 168,000 dead trees across 30,000 acres in 2017 to an estimated 94,000 dead trees across 14,000 acres in 2018.
- California red fir mortality increased from 44,000 dead trees across 9,300 acres in 2017 to approximately 72,000 dead trees and 8,700 acres in 2018, concentrated on northern portions of the unit.
- White fir mortality decreased from an estimated 111,000 dead trees across 18,000 acres in 2017 to 18,000 dead trees across 3,900 acres in 2018.
- Jeffrey pine mortality increased from approximately 1,000 dead trees across 500 acres in 2017 to approximately 3,700 trees across 1,300 acres in 2018 and mostly occurred in the southwestern portion of the unit.
- White bark pine mortality decreased from 190 dead trees recorded in 2017 to 11 dead trees in 2018.