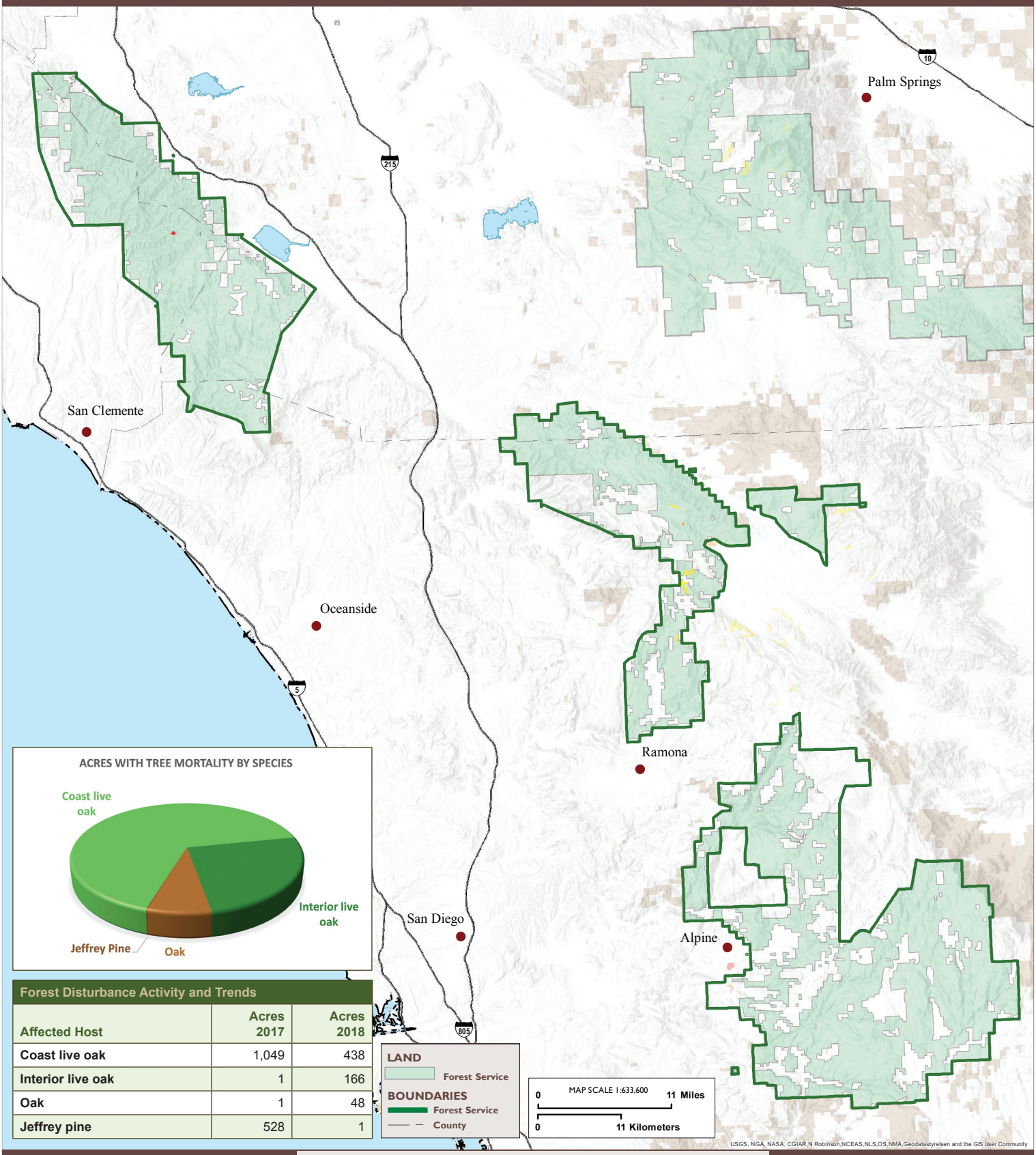
UNITED STATES DEPARTMENT OF AGRICULTURE

AERIAL DETECTION SURVEY, 2018
CLEVELAND NATIONAL FOREST



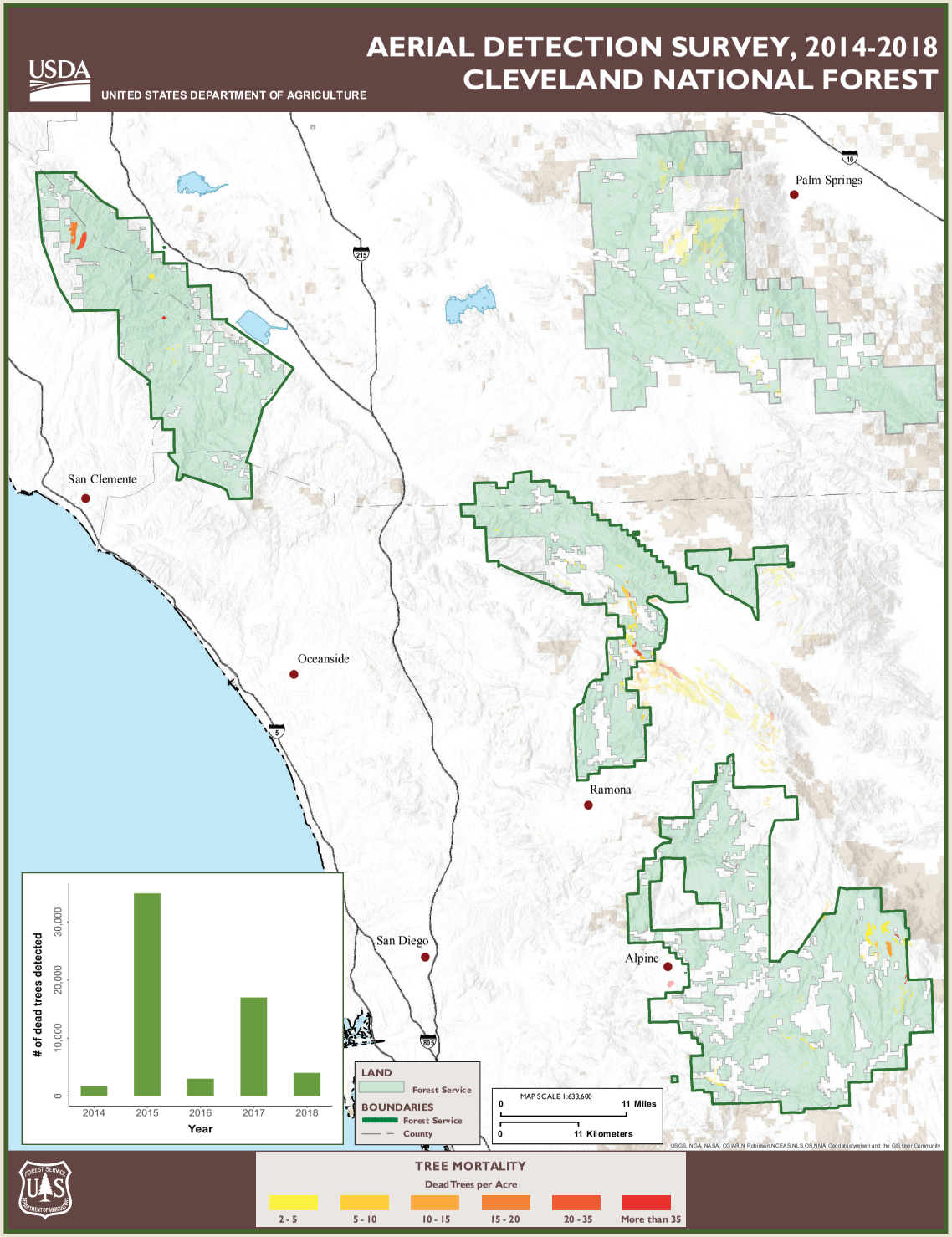
Forest Disturbance Activity and Trends

Affected Host	Acres 2017	Acres 2018
Coast live oak	1,049	438
Interior live oak	1	166
Oak	1	48
Jeffrey pine	528	1

TREE MORTALITY

Dead Trees per Acre

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



Ongoing oak mortality in the San Luis River Valley, Palomar District, Cleveland National Forest.

Highlights

- Tree mortality remained at similar levels from approximately 4,000 dead trees across 1,050 acres in 2017 to an estimated 4,000 dead trees across 700 acres in 2018.
- Jeffrey pine mortality substantially decreased from 528 acres in 2017 to an estimated 18 dead trees across one acre in 2018.
- Coast live oak mortality attributed to goldspotted oak borer (GSOB) was observed in an estimated 1,800 coast live oaks and California black oaks across 600 acres.