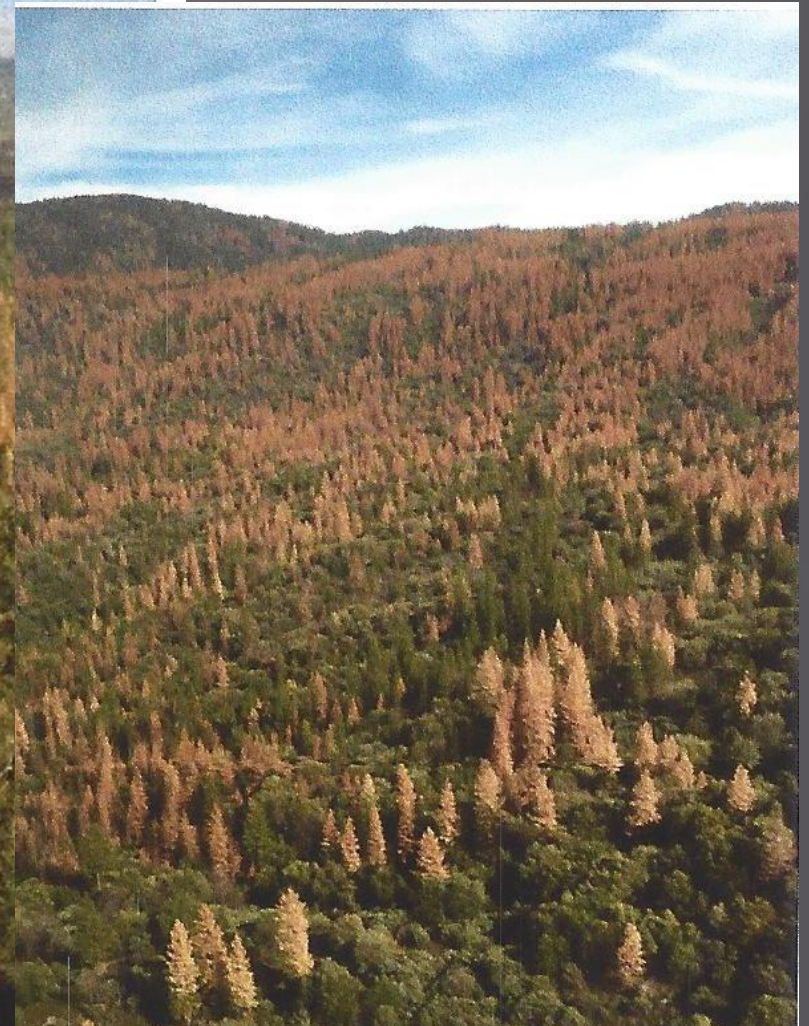
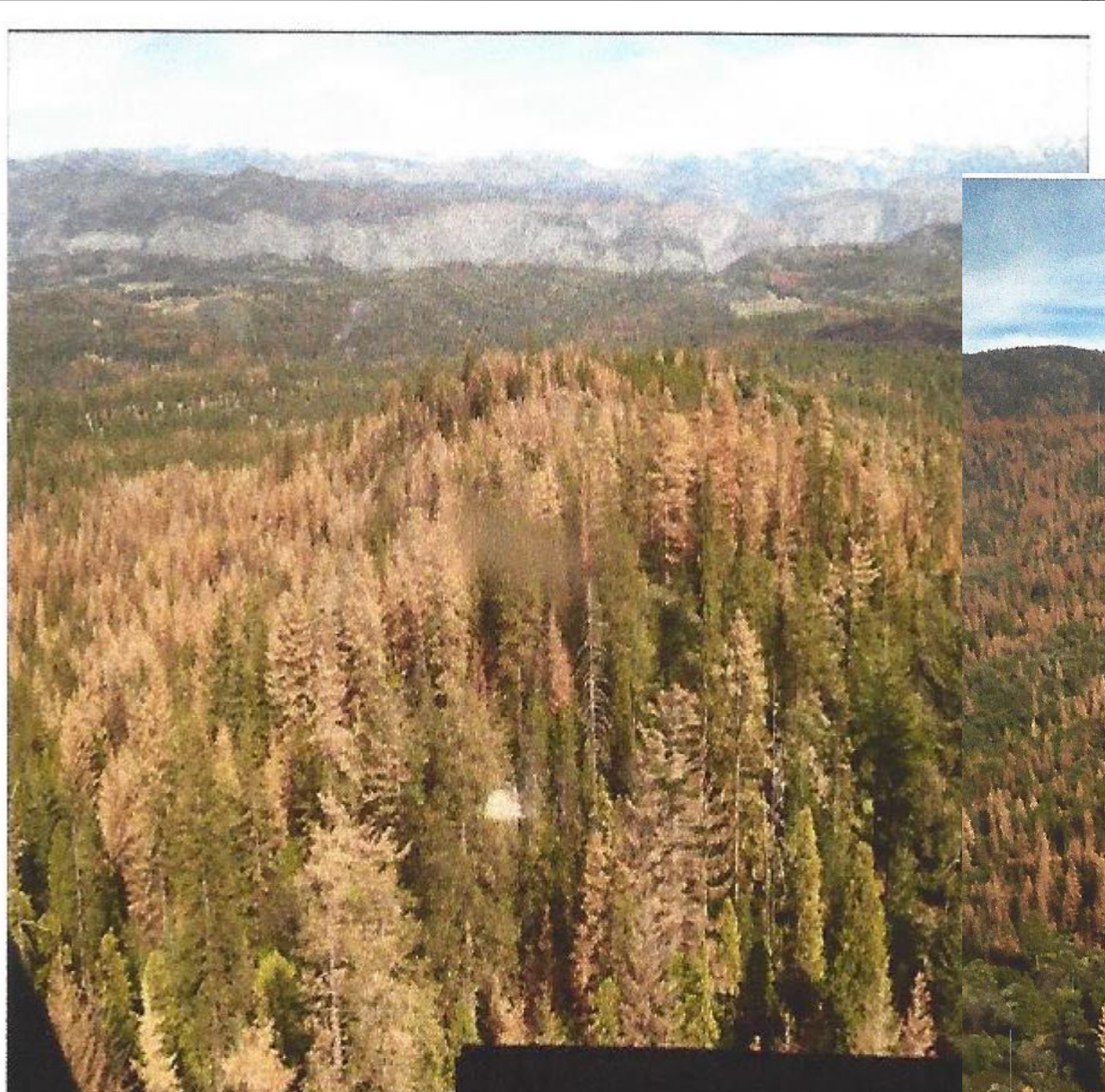


May 2015 & December 2015



Catastrophic tree loss



Homes crushed by dead or dying trees



No mechanized
equipment
utilized so far

Massive
undertaking
with these
large Pines
and Conifers.
Over a Billion
Board Feet of
material. (County
GIS calculation)



1



7

THE DAMAGE

- ▣ The damage as of March 2016:
- ▣ 35 % of all land within the county line is damaged. (Determined By ADS & direct inspection)
- ▣ 4.2 million trees are dead or dying
- ▣ 54 % of all trees are dead or dying
- ▣ Out of the 13 High Hazard Zones, 8 have mortality of 90-100%. 35% increase in the last 5 months. (Determined by CAL FIRE MMU)
- ▣ 500,000 trees in 46,000 acres are a direct threat to the life safety of our citizens. (Determined by CAL FIRE MMU)

What's been done

- ▣ July 2015 – Mariposa County formed a Tree Mortality Committee with over 20 agencies represented.
- ▣ September 2015 – Local Disaster Proclamation was sent to the Governor.
- ▣ January 2016 - Formed Operational Task Force; CAL FIRE & Public Works. They have mitigated 20 miles of road, 176 trees. Additional 200 trees at county parks. (Public Works Director report)
- ▣ Filed for and was approved for CDAA. (Local OES)

COSTS

- Projected cost for the next three years will be \$9.9 million (Local OES calculation based on a 3 year cost analysis for 32,000 trees removed)
- With California Disaster Act Assistance (CDAA) the County will still spend about \$1.8 million. In a county of 18,251 citizens (*United States Census Bureau. May 26, 2014.*) , that's \$99.00 per person.

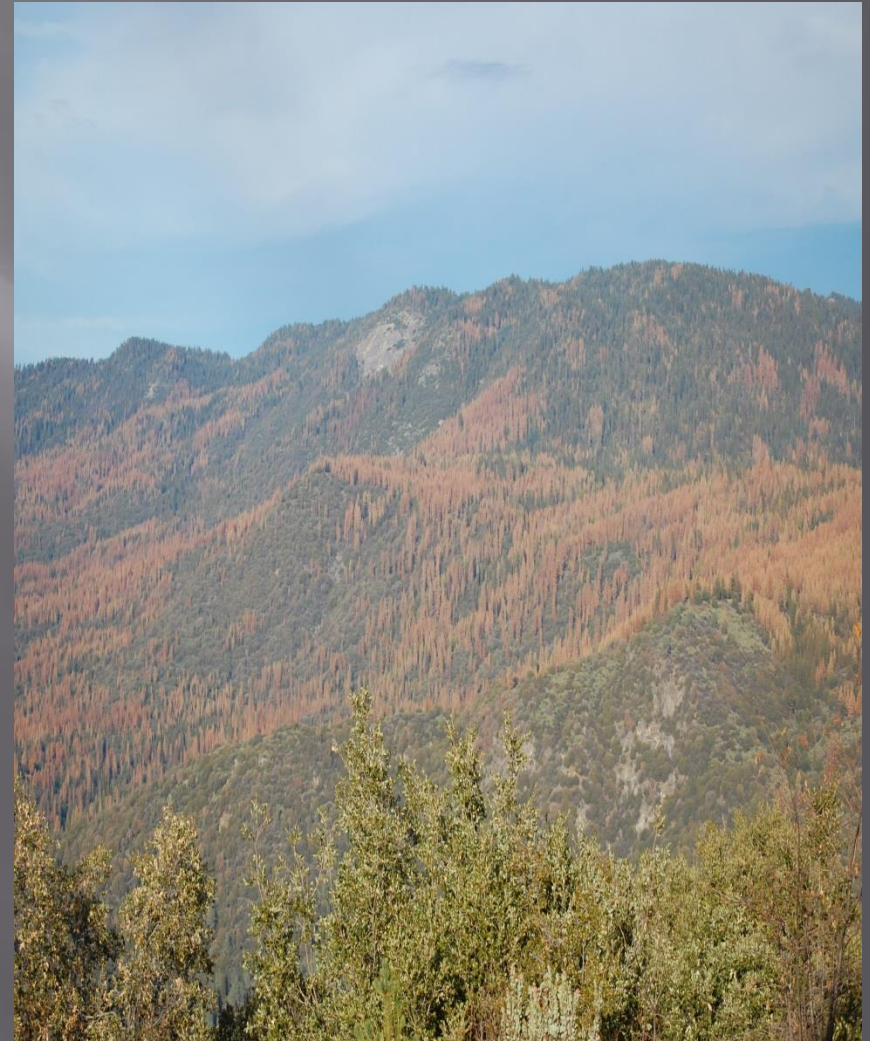
OUTLOOK

Wildfire potential of wiping out 75% of residential properties. (based on current tree mortality in the High Hazard Zones within communities)

Next two years - winter storm events causing millions of dollars in residential home damage. (based on current tree mortality in the High Hazard Zones and current average damage replacement cost)

Given increase in Insurance Rates, most homes will become uninsurable. (84% of the county is in extreme risk category)

May 2015 and December 2015



Questions?

Information prepared by:
Don Florence - Mariposa County OES, April 2016