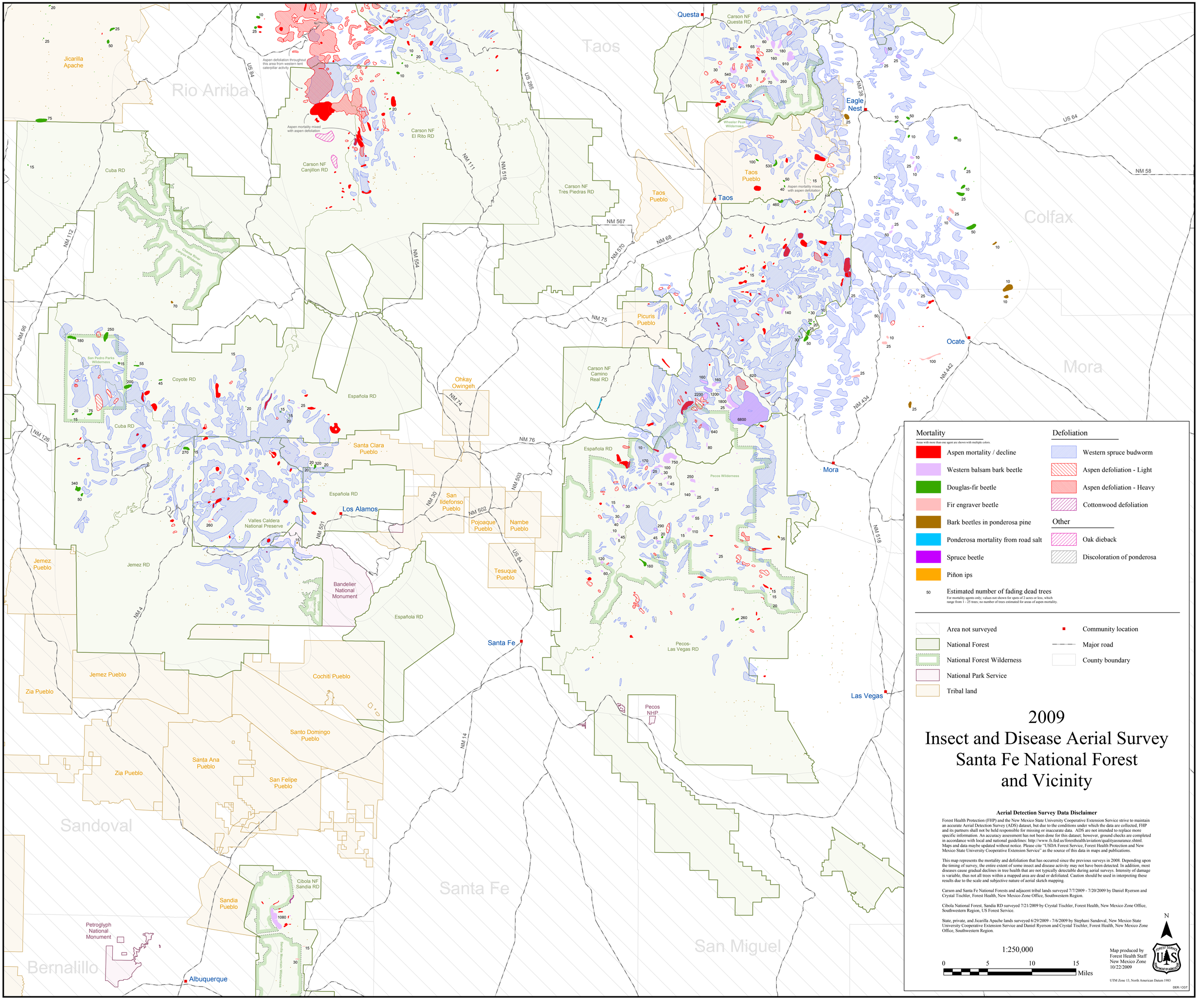

Mortality

Areas with more than one agent are shown with multiple colors.

- Aspen mortality / decline
- Western balsam bark beetle
- Douglas-fir beetle
- Fir engraver beetle
- Bark beetles in ponderosa pine
- Ponderosa mortality from road salt
- Spruce beetle
- Piñon ips

50 Estimated number of fading dead trees

For mortality agents only; values not shown for spots of 2 acres or less, which range from 1 - 25 trees; no number of trees estimated for areas of aspen mortality.

Defoliation

- Western spruce budworm
- Aspen defoliation - Light
- Aspen defoliation - Heavy
- Cottonwood defoliation

Other

- Oak dieback
- Discoloration of ponderosa

- Area not surveyed
- National Forest
- National Forest Wilderness
- National Park Service
- Tribal land
- Community location
- Major road
- County boundary

2009
Insect and Disease Aerial Survey
Santa Fe National Forest and Vicinity

Aerial Detection Survey Data Disclaimer

Forest Health Protection (FHP) and the New Mexico State University Cooperative Extension Service strive to maintain an accurate Aerial Detection Survey (ADS) dataset, but due to the conditions under which the data are collected, FHP and its partners shall not be held responsible for missing or inaccurate data. ADS are not intended to replace more specific information. An accuracy assessment has not been done for this dataset; however, ground checks are completed in accordance with local and national guidelines: http://www.fs.fed.us/foresthealth/aviation/qualityassurance.shtml. Maps and data maybe updated without notice. Please cite "USDA Forest Service, Forest Health Protection and New Mexico State University Cooperative Extension Service" as the source of this data in maps and publications.

This map represents the mortality and defoliation that has occurred since the previous surveys in 2008. Depending upon the timing of survey, the entire extent of some insect and disease activity may not have been detected. In addition, most diseases cause gradual declines in tree health that are not typically detectable during aerial surveys. Intensity of damage is variable, thus not all trees within a mapped area are dead or defoliated. Caution should be used in interpreting these results due to the scale and subjective nature of aerial sketch mapping.

Carson and Santa Fe National Forests and adjacent tribal lands surveyed 7/7/2009 - 7/20/2009 by Daniel Ryerson and Crystal Tischler, Forest Health, New Mexico Zone Office, Southwestern Region.

Cibola National Forest, Sandia RD surveyed 7/21/2009 by Crystal Tischler, Forest Health, New Mexico Zone Office, Southwestern Region, US Forest Service.

State, private, and Jicarilla Apache lands surveyed 6/29/2009 - 7/6/2009 by Stephani Sandoval, New Mexico State University Cooperative Extension Service and Daniel Ryerson and Crystal Tischler, Forest Health, New Mexico Zone Office, Southwestern Region.

N

1:250,000

0 5 10 15 Miles

Map produced by Forest Health Staff New Mexico Zone 10/22/2009

UTM Zone 13, North American Datum 1983

DER / CGT