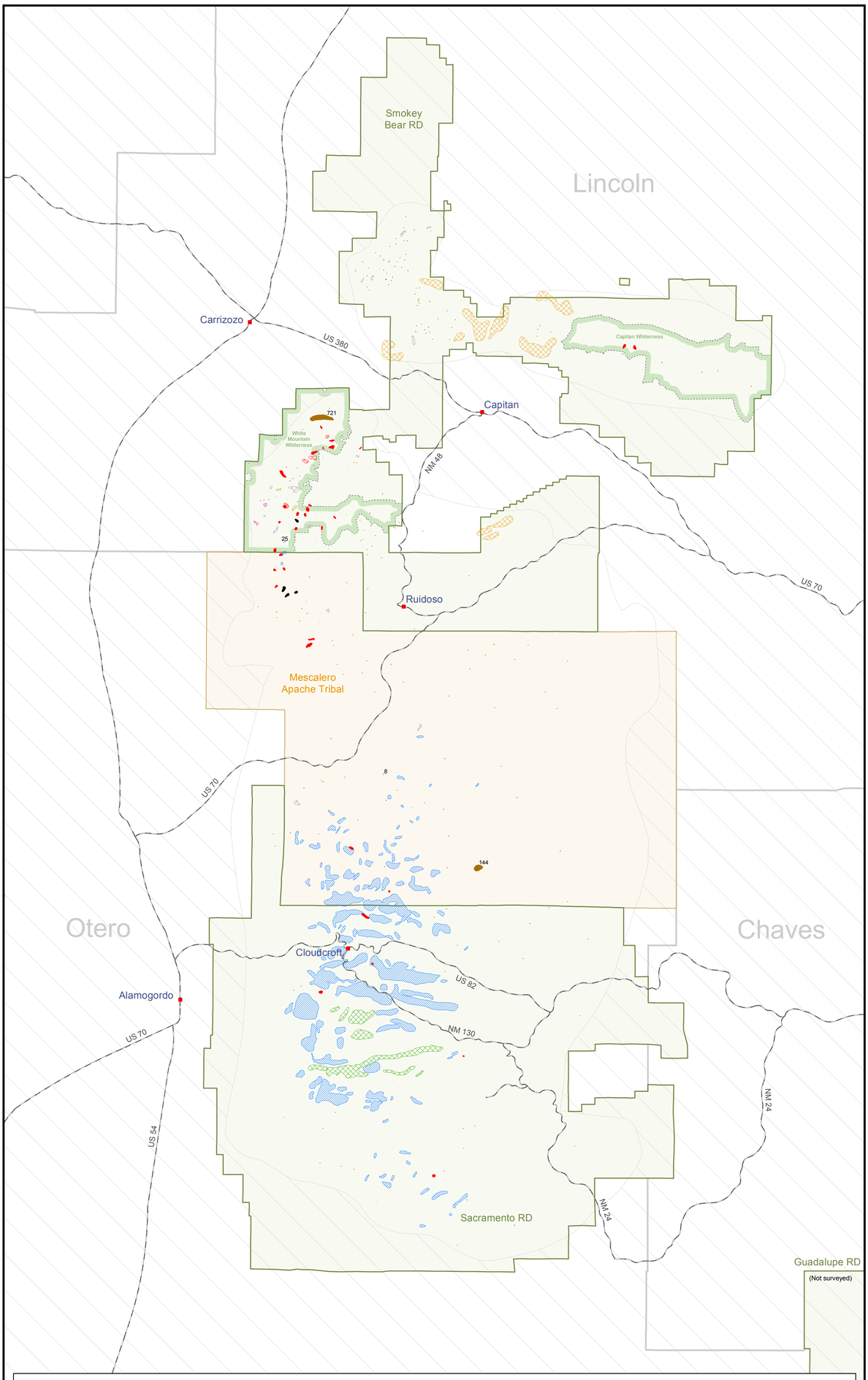

2010
Insect and Disease Aerial Survey
Lincoln National Forest
and Vicinity

1:250,000

0 5 10 15 Miles

Aerial Detection Survey Data Disclaimer

Forest Health Protection (FHP) and the New Mexico State Forestry 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 may be updated without notice. Please cite "USDA Forest Service, Forest Health Protection and New Mexico State Forestry" 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 2009. 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.

Surveyed 7/19/2010 - 7/23/2010 by Crystal Tischler, Forest Health, New Mexico Zone Office, Southwestern Region.

Mortality

- Aspen decline
- Bark beetles in ponderosa pine
- Fir engraver beetle
- Douglas-fir beetle
- Spruce beetle
- Western balsam bark beetle
- Blowdown
- 50 Estimated number of fading dead trees
  For mortality agents only; values not shown for spots of 1 acre or less, which range from 1 - 10 trees; no number of trees estimated for areas of aspen decline.

- Area not surveyed
- National Forest
- National Forest Wilderness
- Tribal lands
- Community location
- Major roads
- County boundaries

Defoliation

- Western spruce budworm
- Aspen defoliation - Light
- Aspen defoliation - Heavy
- Piñon needle scale - Light
- Douglas-fir tussock moth - Light
- Unknown defoliator - Light

Other

- Discoloration
- Branch flagging
- Oak dieback

N

Map produced by
Forest Health Staff
New Mexico Zone
11/04/2010

UTM Zone 13, North American Datum 1983