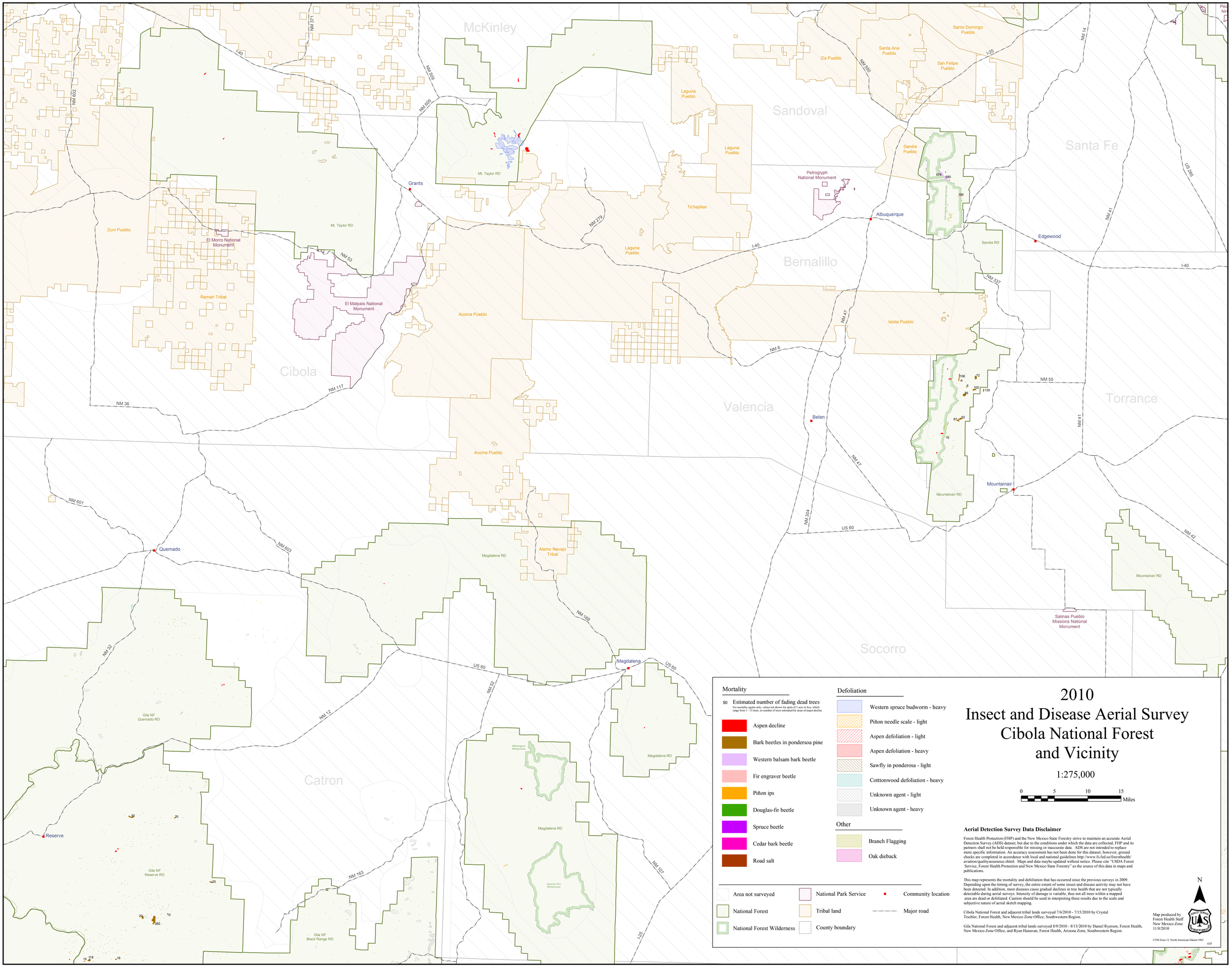
McKinley
Sandoval
Santa Fe
Bernalillo
Cibola
Valencia
Torrance
Socorro
Catron
Grants
Albuquerque
Edgewood
Belen
Mountainair
Quemado
Magdalena
Reserve
Zuni Pueblo
Ramah Tribal
Acoma Pueblo
Laguna Pueblo
To'hajiilee
Zia Pueblo
Santa Ana Pueblo
Santo Domingo Pueblo
San Felipe Pueblo
Sandia Pueblo
Isleta Pueblo
Alamo Navajo Tribal
Mt. Taylor RD
Sandia RD
Mountainair RD
Magdalena RD
Gila NF Quemado RD
Gila NF Reserve RD
Gila NF Black Range RD
Wilmington Wilderness
Apache Kid Wilderness
El Morro National Monument
El Malpais National Monument
Petroglyph National Monument
Salinas Pueblo Missions National Monument
I-40
I-25
US 60
US 285
NM 602
NM 371
NM 509
NM 605
NM 53
NM 279
NM 117
NM 36
NM 601
NM 603
NM 32
NM 12
NM 52
NM 169
NM 163
NM 107
NM 550
NM 14
NM 41
NM 337
NM 47
NM 6
NM 55
NM 304
NM 42
Mortality
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 – 15 trees; no number of trees estimated for areas of aspen decline.
Aspen decline
Bark beetles in pondersoa pine
Western balsam bark beetle
Fir engraver beetle
Piñon ips
Douglas-fir beetle
Spruce beetle
Cedar bark beetle
Road salt
Defoliation
Western spruce budworm - heavy
Piñon needle scale - light
Aspen defoliation - light
Aspen defoliation - heavy
Sawfly in ponderosa - light
Cotttonwood defoliation - heavy
Unknown agent - light
Unknown agent - heavy
Other
Branch Flagging
Oak dieback
Area not surveyed
National Forest
National Forest Wilderness
National Park Service
Tribal land
County boundary
Community location
Major road
2010
Insect and Disease Aerial Survey
Cibola National Forest
and Vicinity
1:275,000
0 5 10 15 Miles
N
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 maybe 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.
Cibola National Forest and adjacent tribal lands surveyed 7/6/2010 - 7/15/2010 by Crystal Tischler, Forest Health, New Mexico Zone Office, Southwestern Region.
Gila National Forest and adjacent tribal lands surveyed 8/9/2010 - 8/13/2010 by Daniel Ryerson, Forest Health, New Mexico Zone Office, and Ryan Hanavan, Forest Health, Arizona Zone, Southwestern Region.
Map produced by Forest Health Staff New Mexico Zone 11/8/2010
UTM Zone 13, North American Datum 1983
CGT