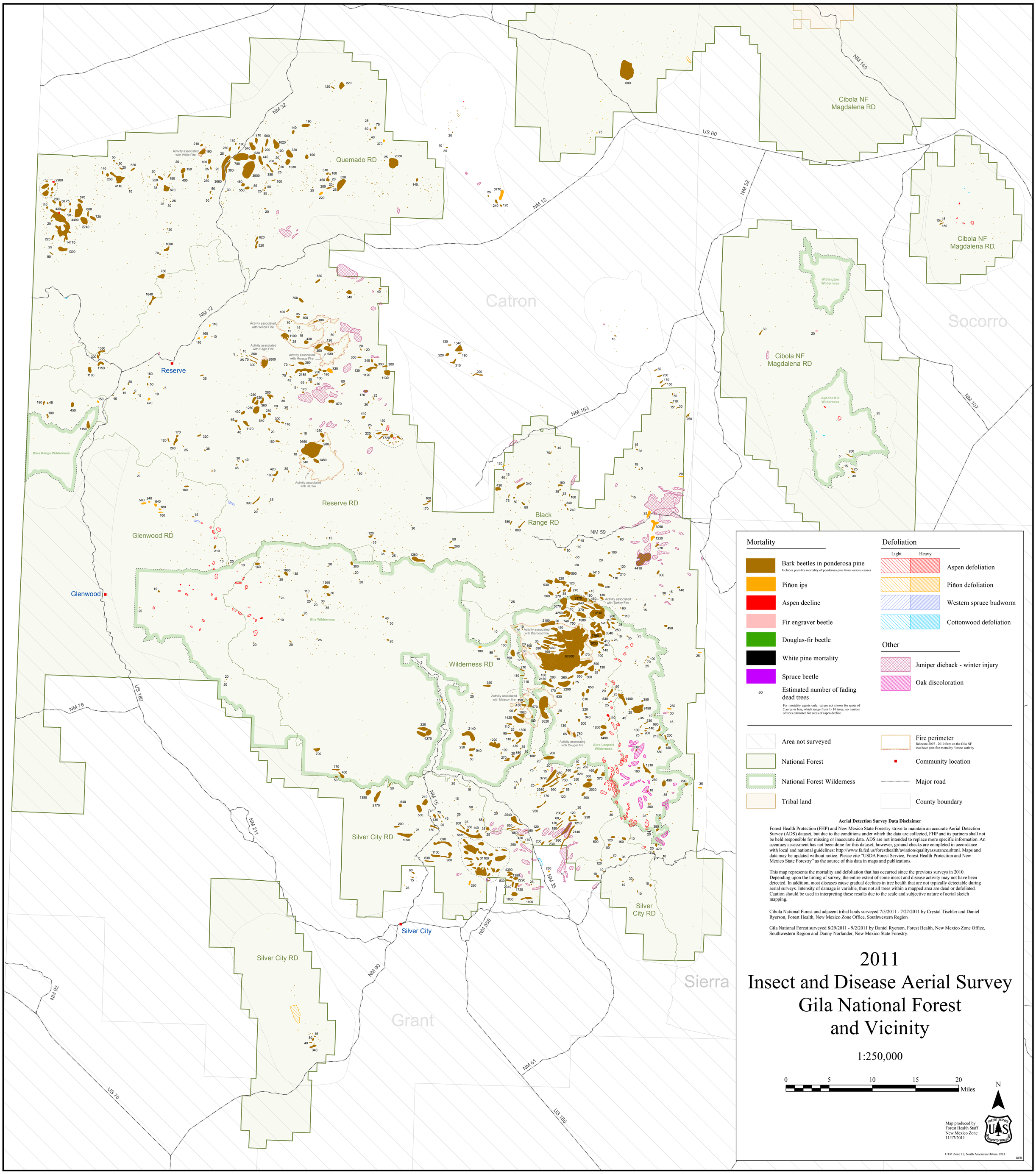
Quemado RD
Cibola NF
Magdalena RD
Catron
Socorro
Reserve
Reserve RD
Glenwood RD
Glenwood
Black
Range RD
Wilderness RD
Silver City RD
Silver City
Sierra
Grant
NM 32
NM 12
US 60
NM 52
NM 169
NM 163
NM 59
NM 107
NM 78
US 180
NM 211
NM 15
NM 35
NM 356
NM 90
NM 92
US 70
NM 61
Activity associated with Willie Fire
Activity associated with Willow Fire
Activity associated with Eagle Fire
Activity associated with Moraga Fire
Activity associated with HL fire
Activity associated with Turkey Fire
Activity associated with Diamond fire
Activity associated with Meason fire
Activity associated with Couger fire
Blue Range Wilderness
Gila Wilderness
Aldo Leopold Wilderness
Withington Wilderness
Apache Kid Wilderness
Mortality
Bark beetles in ponderosa pine
Includes post-fire mortality of ponderosa pine from various causes
Piñon ips
Aspen decline
Fir engraver beetle
Douglas-fir beetle
White pine mortality
Spruce beetle
Estimated number of fading dead trees
For mortality agents only; values not shown for spots of 2 acres or less, which range from 1- 10 trees; no number of trees estimated for areas of aspen decline.
Defoliation
Light
Heavy
Aspen defoliation
Piñon defoliation
Western spruce budworm
Cottonwood defoliation
Other
Juniper dieback - winter injury
Oak discoloration
Area not surveyed
National Forest
National Forest Wilderness
Tribal land
Fire perimeter
Relevant 2007 - 2010 fires on the Gila NF that have post-fire mortality / insect activity
Community location
Major road
County boundary
Aerial Detection Survey Data Disclaimer
Forest Health Protection (FHP) and 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 2010. 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 7/5/2011 - 7/27/2011 by Crystal Tischler and Daniel Ryerson, Forest Health, New Mexico Zone Office, Southwestern Region
Gila National Forest surveyed 8/29/2011 - 9/2/2011 by Daniel Ryerson, Forest Health, New Mexico Zone Office, Southwestern Region and Danny Norlander, New Mexico State Forestry.
2011
Insect and Disease Aerial Survey
Gila National Forest
and Vicinity
1:250,000
0
5
10
15
20
Miles
N
Map produced by
Forest Health Staff
New Mexico Zone
11/17/2011
UTM Zone 13, North American Datum 1983
DER