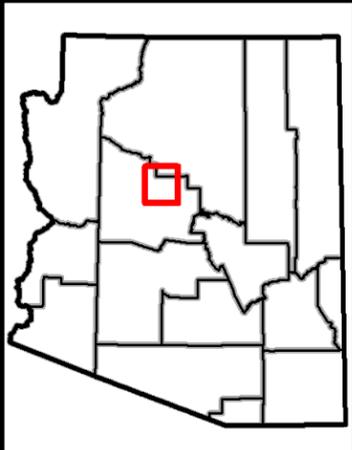
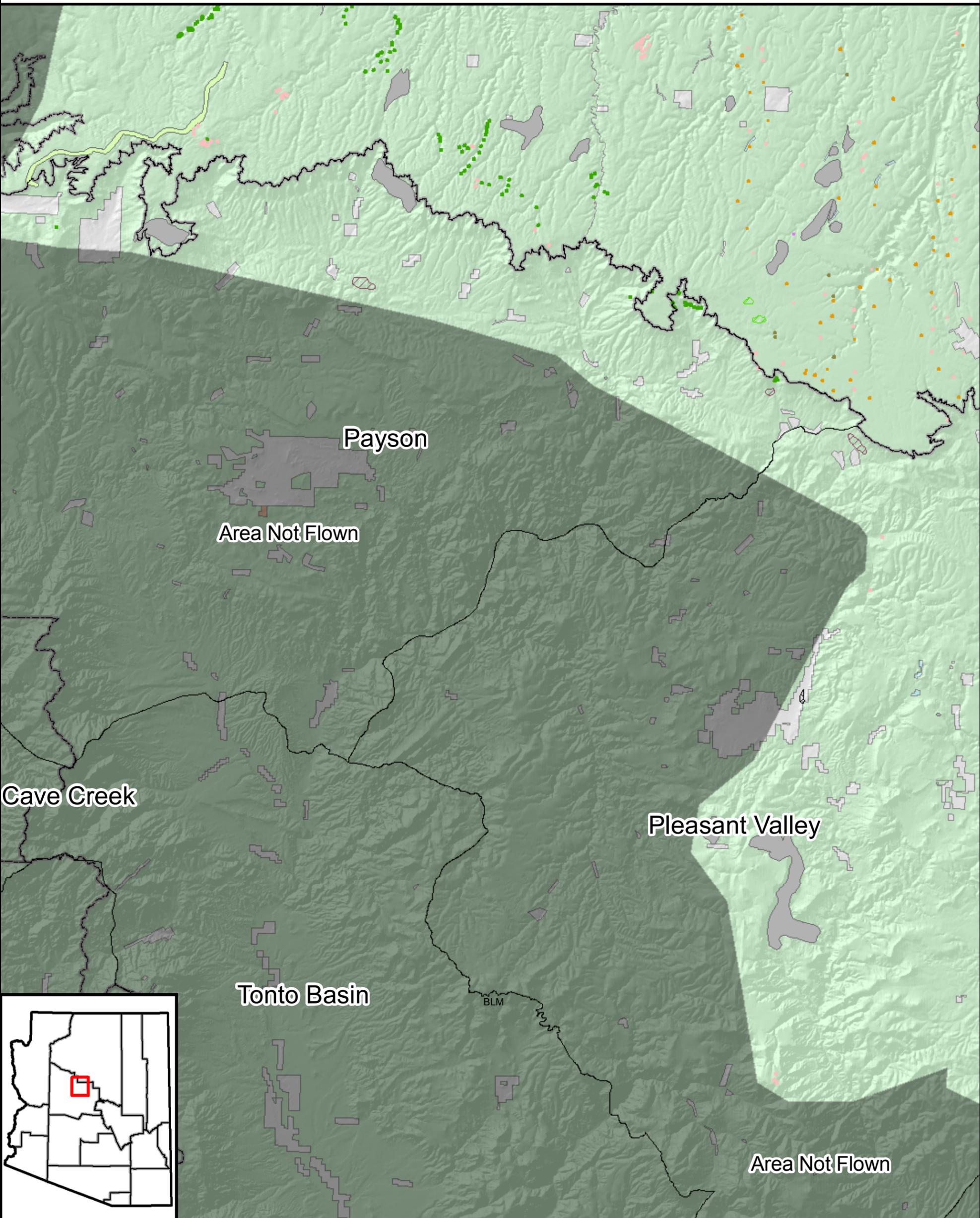




2009 Insect and Disease Aerial Detection Survey Tonto National Forest



| Ownership | |
|----------------|----------------------------|
| [Yellow] | Bureau of Land Management |
| [Light Yellow] | Bureau of Reclamation |
| [Light Blue] | County |
| [Orange] | Tribal Land |
| [Light Cyan] | State |
| [Pink] | Military |
| [Light Purple] | National Park Service |
| [Grey] | Other |
| [White] | Private |
| [Light Green] | US Forest Service |
| [Dark Green] | US Fish & Wildlife Service |

| Mortality | |
|---------------|----------------------------|
| [Red] | Roundheaded Pine Beetle |
| [Orange] | Western Pine Beetle |
| [Green] | Doug-fir Beetle |
| [Blue] | Spruce Beetle |
| [Purple] | Western Balsam Bark Beetle |
| [Magenta] | Pinyon Ips |
| [Pink] | Ips Engraver |
| [Brown] | Fir Engraver |
| [Light Green] | Aspen Mortality |

| Defoliation | |
|------------------------------|--------------------------------|
| [Cross-hatched] | Unknown Defoliator (Heavy) |
| [Diagonal lines] | Unknown Defoliator (Light) |
| [Blue diagonal lines] | Western Spruce Budworm (Light) |
| [Dark blue diagonal lines] | Western Spruce Budworm (Heavy) |
| [Red diagonal lines] | Pine Sawfly (Heavy) |
| [Light red diagonal lines] | Pine Sawfly (Light) |
| [Orange diagonal lines] | Nepytia janetae (Light) |
| [Dark orange diagonal lines] | Nepytia janetae (Heavy) |
| [Green diagonal lines] | Aspen Defoliation (Heavy) |
| [Light green diagonal lines] | Aspen Defoliation (Light) |

| Other | |
|------------------------------|---------------------------------------|
| [Yellow with diagonal lines] | Foliage Discoloration (Light) (0 ac.) |
| [Pink with diagonal lines] | Needlecast (Light) (0 ac.) |
| [Grey] | Fire |

| Other Features | |
|----------------|----------------|
| [Black line] | Major Roads |
| [Dark Grey] | Area Not Flown |
| [Light Grey] | County |

Mapped produced by Forest Health Staff
Arizona Zone - Date
UTM Zone 12, North American Datum 1983

1:250,000
0 1 2 4 6 8 Miles

Forest Health Protection (FHP) and the Arizona State Forestry Division 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 data 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 Arizona State Forestry Division" as the source of these data in maps and publications.