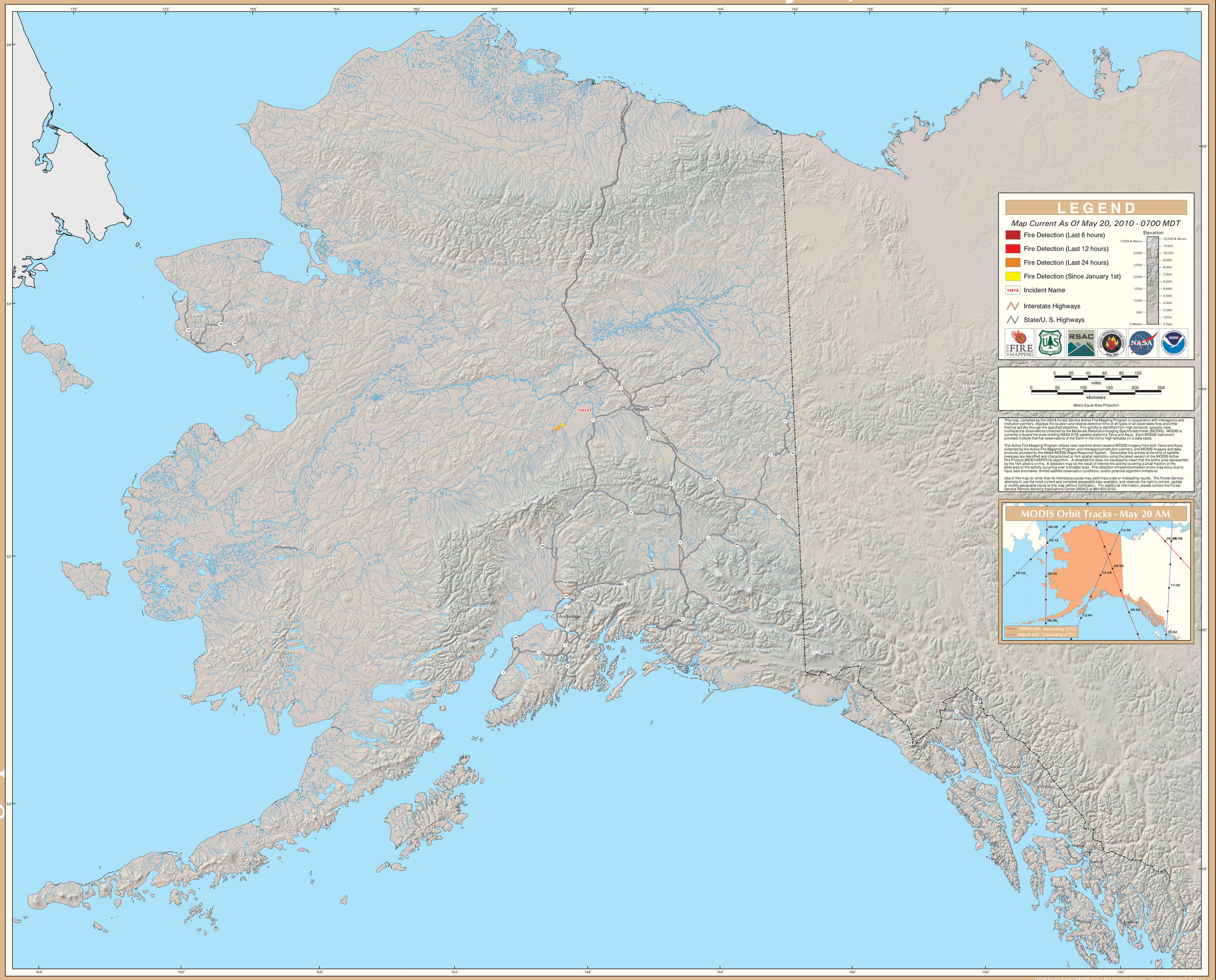
MODIS Active Fire Detections - May 20, 2010


Alaska Geographic Area
LEGEND
Map Current As Of May 20, 2010 - 0700 MDT
Fire Detection (Last 6 hours)
Fire Detection (Last 12 hours)
Fire Detection (Last 24 hours)
Fire Detection (Since January 1st)
VISTA Incident Name
Interstate Highways
State/U. S. Highways
Elevation
3,500 & Above
3,000
2,500
2,000
1,500
1,000
500
0 Meters
12,000 & Above
11,000
10,000
9,000
8,000
7,000
6,000
5,000
4,000
3,000
2,000
1,000
0 Feet
0 20 40 60 80 100
miles
0 50 100 150 200 250
kilometers
Albers Equal-Area Projection
This map, compiled by the USDA Forest Service Active Fire Mapping Program in cooperation with Interagency and institution partners, displays the location and relative detection time of all types of all observable fires and other thermal activity through the specified datetime. Fire activity is identified from high temporal, synoptic view, multispectral observations collected by the Moderate Resolution Imaging Spectroradiometer (MODIS). MODIS is currently onboard the polar-orbiting NASA EOS satellite platforms Terra and Aqua. Each MODIS instrument provides multiple thermal observations of the Earth in the mid to high latitudes on a daily basis.
The Active Fire Mapping Program utilizes near real-time direct readout MODIS imagery from both Terra and Aqua collected by this Active Fire Mapping Program and interagency/institution partners, and MODIS imagery and data products provided by the NASA MODIS Rapid Response System. Detectable fire activity at the time of satellite overpass are identified and characterized at 1km spatial resolution using the latest version of the MODIS Active Fire Product (MOD14/MYD14) algorithm. A detected fire does not necessarily mean that the entire area represented by the 1km pixel is on fire. A detection may be the result of intense fire activity covering a small fraction of the pixel area or fire activity occurring over a broader area. Fire detection omission/comission errors may occur due to input data anomalies, limited satellite observation conditions, and/or potential algorithm limitations.
Use of this map for other than its intended purpose may yield inaccurate or misleading results. The Forest Service attempts to use the most current and complete geospatial data available, and reserves the right to correct, update or modify geospatial inputs to this map without notification. For additional information, please contact the Forest Service Remote Sensing Applications Center (RSAC) at 801-975-3750.
MODIS Orbit Tracks - May 20 AM
TERRA AM - Ascending (UTC)
AQUA AM - Decending (UTC)
Fairbanks
Anchorage
TOKLAT
Nome
Juneau
Ketchikan
Wrangell
Petersburg
Sitka
Yakutat
Haines
Skagway
Cordova
Kodiak
Valdez
Seward
Homer
Kenai
Bethel
Kotzebue
Barrow
Dalton Hwy
Tanana Valley Hwy
Richardson Hwy
Glenn Hwy
Parks Hwy
Seward Hwy
Sterling Hwy
Alaska Hwy
Copper River Hwy
Haines Hwy
Klondike Hwy
Alaska Hwy
Tok Cut-off
Taylor Hwy
Steese Hwy
Elliott Hwy
Dalton Hwy
Nome-Teller Hwy
Nome-Council Hwy
Nome-Kougarok Hwy
Nome-Taylor Hwy
Nome-Beaver Hwy
Nome-Nome Hwy
Nome-Solomon Hwy
Nome-Kougarok Hwy
Nome-Teller Hwy
Nome-Council