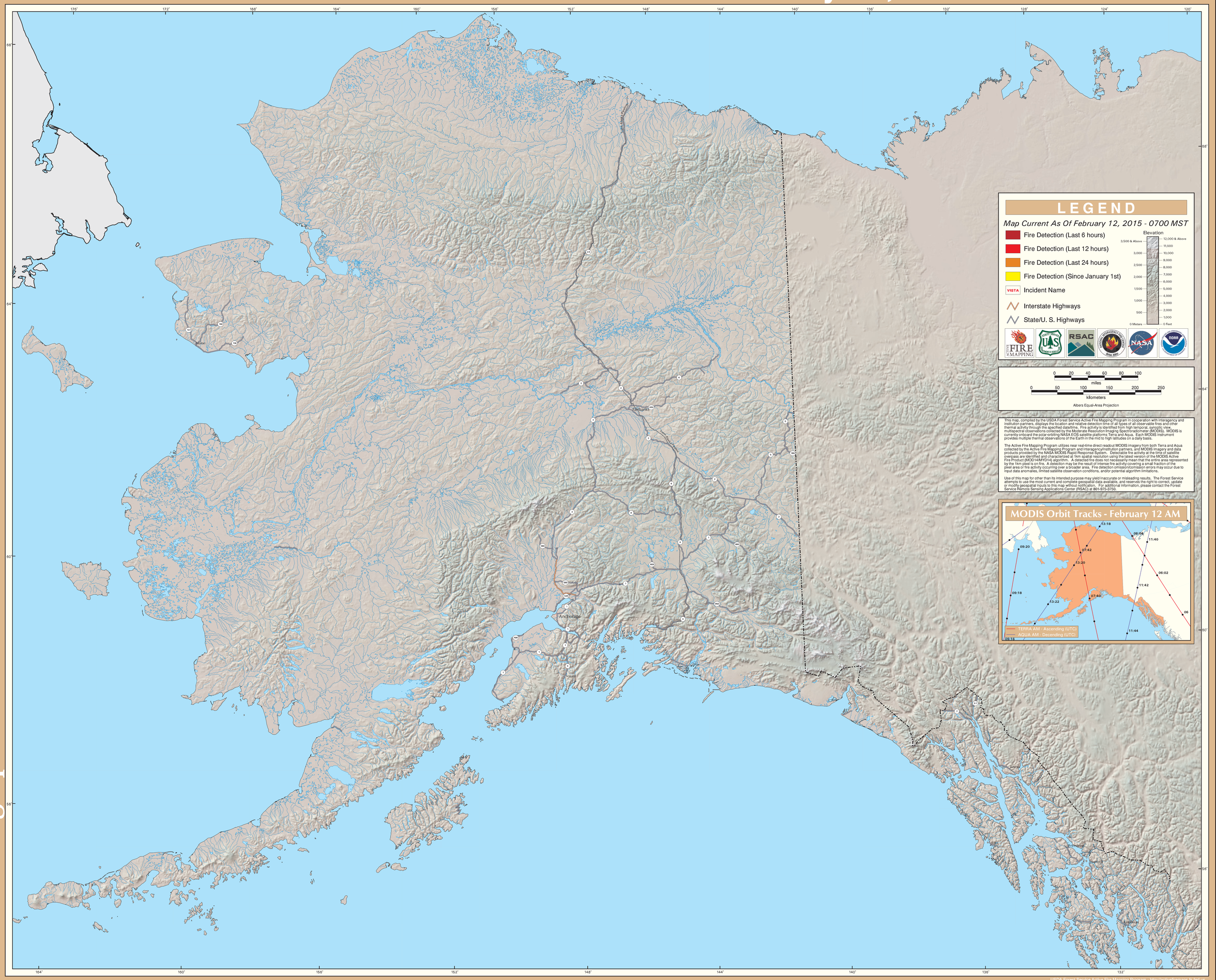
MODIS Active Fire Detections - February 12, 2015


Alaska Geographic Area
LEGEND
Map Current As Of February 12, 2015 - 0700 MST
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 the 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 - February 12 AM
13:18
06:04
11:40
09:20
07:42
13:20
06:02
11:42
09:18
07:40
13:22
06
11:44
09:16
TERRA AM - Ascending (UTC)
AQUA AM - Decending (UTC)
Anchorage
Fairbanks
Nome
Juneau
Ketchikan
Wrangell
Petersburg
Sitka
Yakutat
Haines
Skagway
Kake
Hoonah
Gustavus
Tenakee Springs
Pelican
Elfin Cove
Cordova
Valdez
Whittier
Seward
Homer
Kodiak
Dillingham
Bethel
Kotzebue
Barrow
Prudhoe Bay
Deadhorse
Cold Bay
Dutch Harbor
Unalaska
Nikolski
Adak
Shemya
Eareckson Air Station
Attu Station
Cape Lisburne
Point Lay
Wainwright
Point Hope
Kivalina
Noatak
Ambler
Shungnak
Kobuk
Selawik
Noorvik
Kiana
Bettles
Alatna
Allakaket
Hughes
Huslia
Koyukuk
Galena
Ruby
Tanana
Minto
Nenana
Cantwell
Healy
Glennallen
Gulkana
Chistochina
Tok
Northway
Chalkyitsik
Fort Yukon
Arctic Village
Venetie
Beaver
Stevens Village
Tanacross
Eagle
Circle
Central
Chicken
Delta Junction
Big Delta
Tetlin
Mentasta Lake
Slana
Chitina
Kenny Lake
Copper Center
Tonsina
Glennallen
Paxson
Cantwell
Talkeetna
Willow
Palmer
Wasilla
Eagle River