MODIS Active Fire Detections - August 29, 2015

Alaska Geographic Area

LEGEND

Map Current As Of August 29, 2015 - 1500 MDT

- Fire Detection (Last 6 hours)
- Fire Detection (Last 12 hours)
- Fire Detection (Since January 1st)
- VISTA Incident Name
- Interstate Highways
- State/U. S. Highways

Elevation

Meters	Feet
3,500 & Above	12,000 & Above
	11,000
3,000	10,000
	9,000
2,500	8,000
	7,000
2,000	6,000
	5,000
1,500	4,000
	3,000
1,000	2,000
500	1,000
0 Meters	0 Feet

0 20 40 60 80 100 miles

0 50 100 150 200 250 kilometers

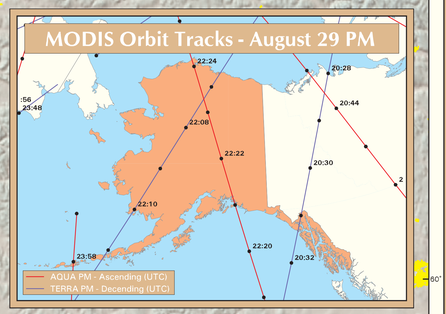
Albers Equal-Area Projection

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 - August 29 PM



Fairbanks
Anchorage
Juneau
Sitka
Ketchikan
Kodiak
Valdez
Nome
Tok
Delta Junction
Glennallen
Cordova
Homer
Seward
Wasilla
Palmer
Soldotna
Kenai
Dillingham
Bethel
Kotzebue
Barrow
Prudhoe Bay
Deadhorse
Wainwright
Unalakleet
Galena
Tanana
Fort Yukon
Circle
Eagle
Tetlin Junction
Northway
Chicken
Tanacross
Dot Lake
Healy
Cantwell
Talkeetna
Willow
Big Lake
Houston
Trapper Creek
Nenana
Manley Hot Springs
Minto
Tanana
Ruby
Galena
Nulato
Kaltag
Unalakleet
Shaktoolik
Koyuk
Elim
Golovin
White Mountain
Nome
Teller
Brevig Mission
Wales
Shishmaref
Kotzebue
Noatak
Kivalina
Point Hope
Wainwright
Barrow
Atqasuk
Nuiqsut
Anaktuvuk Pass
Bettles
Allakaket
Hughes
Huslia
Koyukuk