MODIS Active Fire Detections - March 19, 2015

Alaska Geographic Area

LEGEND

Map Current As Of March 19, 2015 - 1700 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
3,000	11,000
2,500	10,000
2,000	9,000
1,500	8,000
1,000	7,000
500	6,000
0 Meters	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

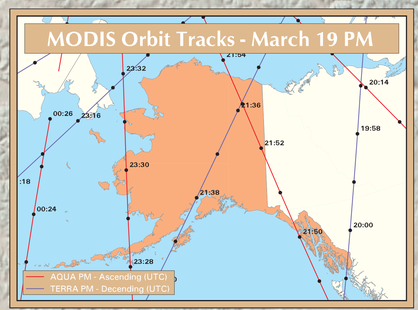
Albers Equal-Area Projection

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 date/time. 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 - March 19 PM



Fairbanks
Anchorage
Juneau
Sitka
Ketchikan
Wrangell
Prince Rupert
Haines Junction
Whitehorse
Dawson City
Tok
Delta Junction
Valdez
Homer
Kodiak
Dutch Harbor
Unalaska
Nome
Kotzebue
Barrow
Prudhoe Bay
Deadhorse
Kaktovik
Arctic Village
Fort Yukon
Circle
Eagle
Tanana
Galena
Bethel
Kotlik
Emmonak
Alakanuk
Kaltag
Unalakleet
Shishmaref
Wainwright
Point Hope
Kivalina
Noatak
Kobuk
Selawik
Shungnak
Ambler
Bettles
Allakaket
Hughes
Huslia
Koyukuk
Nulato
Kaltag
Tanacross
Northway
Chicken
Mentasta Lake
Slana
Nabesna
McCarthy
Cordova
Yakutat
Gustavus
Hoonah
Petersburg
Wrangell
Ketchikan
Metlakatla
Craig
Klawock
Hydaburg
Kake
Angoon
Sitka
Tenakee Springs
Pelican
Elfin Cove
Gustavus
Haines
Skagway
Klukwan
Atlin
Carcross
Teslin
Watson Lake
Faro
Ross River
Carmacks
Pelly Crossing
Stewart Crossing
Mayo
Keno City
Elsa
Dawson
Beaver Creek
Destruction Bay
Burwash Landing
Haines Junction
Whitehorse
Carcross
Skagway
Haines
Klukwan
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