MODIS Active Fire Detections - January 16, 2015

Alaska Geographic Area

LEGEND

Map Current As Of January 16, 2015 - 1700 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

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

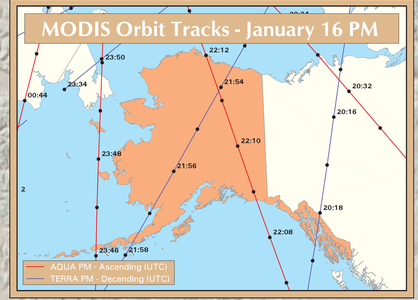
Albers Equal-Area Projection

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 - January 16 PM



Fairbanks
Anchorage
Juneau
Kodiak
Homer
Valdez
Kotzebue
Nome
Barrow
Kenai
Wasilla
Palmer
Soldotna
Kenai Mountains
Alaska Range
Brooks Range
Yukon River
Tanana River
Kuskokwim River
Seward Peninsula
Aleutian Islands
Kodiak Island
Alexander Archipelago
Prince William Sound
Cook Inlet
Kuskokwim Mountains
Wrangell Mountains
Chugach Mountains
Saint Elias Mountains
Glacier Bay National Park and Preserve
Denali National Park and Preserve
Wrangell-St. Elias National Park and Preserve
Katmai National Park and Preserve
Lake Clark National Park and Preserve
Gates of the Arctic National Park and Preserve
Kobuk Valley National Park
Cape Krusenstern National Monument
Bering Land Bridge National Preserve
Noatak National Preserve
Yukon-Charley Rivers National Preserve
Klondike Gold Rush National Historical Park
Aniakchak National Monument and Preserve
Alagnak Wild River
Chukchi Sea
Beaufort Sea
Bering Sea
Gulf of Alaska
Pacific Ocean
Arctic Ocean
Canada
Russia