MODIS Active Fire Detections - February 13, 2014

Alaska Geographic Area

LEGEND

Map Current As Of February 13, 2014 - 1700 MST

- 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

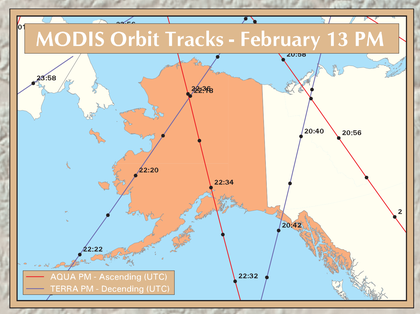
Albers Equal-Area Projection

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 - February 13 PM



Fairbanks
Anchorage
Juneau
Sitka
Ketchikan
Wrangell
Prince Rupert
Whitehorse
Dawson
Tok
Nome
Kotzebue
Barrow
Prudhoe Bay
Kaktovik
Inuvik
Fort Nelson
Fort St. John
Dawson Creek
Grande Prairie
Peace River
Hay River
Fort Simpson
Fort Smith
Yellowknife
Fort McMurray
Edmonton
Calgary
Lethbridge
Medicine Hat
Saskatoon
Regina
Swift Current
Prince Albert
Moose Jaw
Brandon
Winnipeg
Thompson
Flin Flon
Dauphin
Portage la Prairie
Kenora
Dryden
Thunder Bay
Sault Ste. Marie
Timmins
Sudbury
North Bay
Kapuskasing
Wawa
Chapleau
Sioux Lookout
Pickle Lake
Red Lake
Fort Frances
Kenora
Atikokan
Geraldton
Terrace Bay
Marathon
Manitouwadge
Wawa
Hearst
Kapuskasing
Timmins
Cochrane
Moosonee
Moose Factory
Attawapiskat
Fort Albany
Kashechewan
Peawanuck
Winisk
Sandy Lake
Pikangikum
Poplar Hill
Deer Lake
Red Lake
Ear Falls
Sioux Lookout
Pickle Lake
Savant Lake
Ignace
Dryden
Vermilion Bay
Kenora
Fort Frances
Rainy River
International Falls
Baudette
Warroad
Roseau
Thief River Falls
Crookston
East Grand Forks
Grand Forks
Devils Lake
Rugby
Minot
Bismarck
Mandan
Dickinson
Williston
Watford City
Killdeer
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