MODIS Active Fire Detections - August 7, 2010

Alaska Geographic Area

LEGEND

Map Current As Of August 7, 2010 - 1500 MDT

- 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

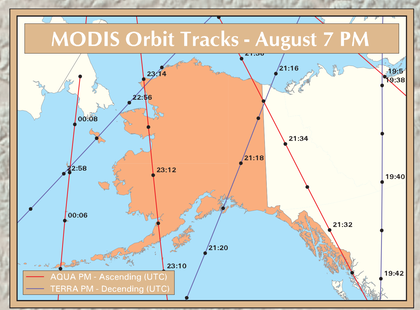
Albers Equal-Area Projection

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 - August 7 PM



NIAKOGON MTN.
SHEENJEK 2
THE DIVIDE
KUKHTENTOTZNA CREEK
PEAVEY CREEK
HADWEENZIC
CANVASBACK LAKE
TCHULKADE LAKE
BIG MOUNTAIN
BIG DUCK LAKE
DEMPSEY CREEK
PAT CREEK
THREE SLEEP
LOUIE CREEK
TAKHAKDONA HILLS
CASCADEN RIDGE
APPLEGATE 2
YUKI RIVER
LOST RIVER
CHITANATALA
TOKLAT 2
WILLOW CREEK
CLEAR CREEK BUTTES 2
GRANITE TORS
DELTA COMPLEX
NO NAME CREEK
EAGLE TRAIL FIRE
TURQUOISE LAKE
Fairbanks
Anchorage
Juneau
Kodiak
Yakutat
Valdez
Kenai
Homer
Wasilla
Palmer
Delta Junction
Tok
Glennallen
Tanana
Kotzebue
Nome
Bethel
Dillingham
Kenai Peninsula
Alaska Peninsula
Aleutian Islands
Yukon River
Tanana River
Kuskokwim River
Seward Peninsula
Brooks Range
Alaska Range
Wrangell Mountains
Chugach Mountains
Kenai Mountains
Aleutian Range
Talkeetna Mountains
Copper River Basin
Yukon Flats
Yukon-Tanana Uplands
Kobuk Valley
Noatak River
Selawik Lake
Norton Sound
Kotzebue Sound
Chukchi Sea
Bering Sea
Gulf of Alaska
Prince William Sound
Cook Inlet
Kachemak Bay
Shelikof Strait
Aleutian Trench
Arctic Ocean
Beaufort Sea
Canada
Russia

USDA Forest Service Active Fire Mapping Program - http://activefiremaps.fs.fed.us