MODIS Active Fire Detections - August 8, 2010

Alaska Geographic Area

NIAKOGON MTN.
THE DIVIDE
KIKHTENTOTZNA CREEK
PEAVEY CREEK
SHEENJEK 2
HADWEENZIC
CANVASBACK LAKE
PAT CREEK
THREE CREEK
TCHULKADE LAKE
BIG MOUNTAIN
BIG DUCK LAKE
DEMPSEY CREEK
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
TURQUOISE LAKE
EAGLE TRAIL FIRE
Fairbanks
Anchorage
Nome
Juneau
Kodiak
Yakutat
Whitehorse
Dawson
Watson Lake
Fort Nelson
Fort St. John
Dawson Creek
Prince George
Kelowna
Kamloops
Vancouver
Victoria
Seattle
Portland
Calgary
Edmonton
Red Deer
Lethbridge
Medicine Hat
Regina
Saskatoon
Prince Albert
Winnipeg
Brandon
Thunder Bay
Sault Ste. Marie
Sudbury
North Bay
Timmins
Kapuskasing
Sioux Lookout
Dryden
Kenora
Fort Frances
Kitchener
Toronto
Hamilton
London
Windsor
Ottawa
Montreal
Quebec City
Fredericton
Moncton
Saint John
Halifax
Sydney
Charlottetown
Yellowknife
Iqaluit
Goose Bay
Labrador City
Gander
St. John's
Churchill
Thompson
Flin Flon
Brooks
Medicine Hat
Lethbridge
Red Deer
Edmonton
Calgary
Prince George
Kamloops
Vancouver
Victoria
Seattle
Portland
Spokane
Billings
Bismarck
Minot
Williston
Dickinson
Miles City
Glendive
Sidney
Havre
Great Falls
Helena
Butte
Missoula
Kalispell
Cranbrook
Fernie
Creston
Nelson
Castlegar
Penticton
Vernon
Kelowna
Kamloops
Prince George
Quesnel
Williams Lake
100 Mile House
Clinton
Lillooet
Hope
Chilliwack
Abbotsford
Vancouver
Victoria
Seattle
Portland
Spokane
Coeur d'Alene
Lewiston
Pullman
Walla Walla
Yakima
Wenatchee
Omak
Okanogan
Penticton
Kelowna
Vernon
Salmon Arm
Revelstoke
Golden
Invermere
Cranbrook
Fernie
Creston
Nelson
Castlegar
Trail
Grand Forks
Kettle Falls
Colville
Newport
Sandpoint
Bonners Ferry
Libby
Kalispell
Missoula
Butte
Helena
Great Falls
Havre
Glasgow
Wolf Point
Sidney
Glendive
Miles City
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LEGEND

Map Current As Of August 8, 2010 - 0700 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 8 AM

TERRA AM - Ascending (UTC)
AQUA AM - Decending (UTC)

05:20 10:58 12:36 14:16 06:58 08:36 14:18 12:38 11:00 06:56 08:34 12:40

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