MODIS Active Fire Detections - August 31, 2010

Alaska Geographic Area

LEGEND

Map Current As Of August 31, 2010 - 0300 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

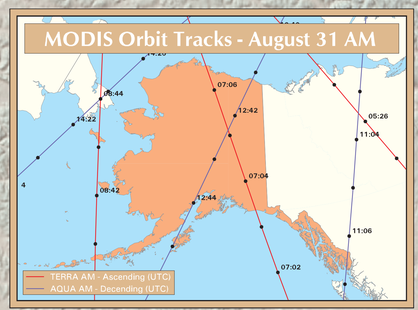
Albers Equal-Area Projection

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 - August 31 AM



Fairbanks
Anchorage
Juneau
Sitka
Ketchikan
Prince Rupert
Whitehorse
Dawson
Watson Lake
Fort Nelson
Yellowknife
Hay River
Fort McMurray
Edmonton
Prince George
Kamloops
Vancouver
Victoria
Seattle
Portland
Spokane
Calgary
Missoula
Billings
Bismarck
Minneapolis
Winnipeg
Regina
Saskatoon
Thunder Bay
Sault Ste. Marie
Toronto
Ottawa
Montreal
Quebec
Fredericton
Halifax
Saint John
Charlottetown
Moncton
Sydney
St. John's
Gander
Goose Bay
Labrador City
Wabush
Churchill
Rankin Inlet
Iqaluit
Kuujjuaq
Nain
Hopedale
Makkovik
Cartwright
Port Hope Simpson
Happy Valley-Goose Bay
Natuashish
Sept-Îles
Baie-Comeau
Rimouski
Gaspé
Matane
Chicoutimi
Roberval
Val-d'Or
Rouyn-Noranda
Timmins
Kapuskasing
Sudbury
North Bay
Pembroke
Kingston
Belleville
Peterborough
Oshawa
Hamilton
London
Windsor
Kitchener
Guelph
Barrie
Owen Sound
Sarnia
Chatham
Wiarton
Collingwood
Orillia
Parry Sound
Huntsville
Gravenhurst
Bracebridge
Muskoka
Port Elgin
Goderich
Stratford
Woodstock
Brantford
Niagara Falls
St. Catharines
Welland
Thorold
Port Colborne
Fort Erie
Niagara-on-the-Lake
Grimsby
Lincoln
Pelham
Wainfleet
West Lincoln
Grand Island
Tonawanda
Buffalo
Rochester
Syracuse
Utica
Albany
Schenectady
Troy
Saratoga Springs
Glens Falls
Plattsburgh
Burlington
Montpelier
Concord
Manchester
Nashua
Portsmouth
Dover
Rochester
Augusta
Bangor
Portland
Lewiston
Auburn
Biddeford
Saco
Sanford
Kennebunk
Kennebunkport
Old Orchard Beach
Scarborough
South Portland
Westbrook
Gorham
Windham
Falmouth
Cumberland
Yarmouth
Freeport
Brunswick
Bath
Topsham
Wiscasset
Boothbay Harbor
Rockland
Camden
Belfast
Searsport
Stockton Springs
Winterport
Hampden
Orono
Old Town
Milford
Lincoln
Millinocket
East Millinocket
Medway
Patten
Sherman
Houlton
Presque Isle
Caribou
Fort Kent
Madawaska
Van Buren
Grand Falls
Edmundston
Woodstock
Hartland
Florenceville-Bristol
Perth-Andover
Plaster Rock
Drummond
Saint-Quentin
Dalhousie
Campbellton
Bathurst
Miramichi
Chatham
Newcastle
Fredericton Junction
Oromocto
Saint John
Sussex
Hampton
Rothesay
Quispamsis
Grand Bay-Westfield
Saint Stephen
Calais
Eastport
Lubec
Machias
Jonesport
Beals
Milbridge
Harrington
Cherryfield
Ellsworth
Bar Harbor
Southwest Harbor
Mount Desert
Northeast Harbor
Seal Harbor
Tremont
Bernard
Manset