MODIS Active Fire Detections - April 24, 2016

LEGEND

Map Current As Of April 24, 2016 - 0300 MDT

- Fire Detection (Last 6 hours)
- Fire Detection (Last 12 hours)
- Fire Detection (Last 24 hours)
- Fire Detection (Since January 1st)
- VISTA Incident Name
- Expressway
- Primary/Secondary Road

Elevation

Meters	Feet
3,500 & Above	12,000 & Above
	11,000
3,000	10,000
	9,000
2,500	8,000
	7,000
2,000	6,000
	5,000
1,500	4,000
1,000	3,000
	2,000
500	1,000
0 Meters	0 Feet

ACTIVE FIRE MAPPING · USFS UAS Technology Research · RSAC · Forest Fire Detection Consortium · NASA · NOAA

0 20 40 60 80 100 miles

0 20 40 60 80 100 kilometers

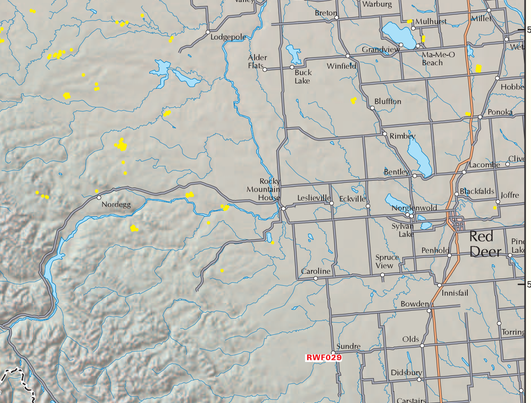
Transverse Mercator Projection

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/omission 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 - April 24 AM



HWF200 HWF205 HWF237 HWF248 HWF002 HWF217 HWF219 PWF008 PWF013 G80482 G40284 GWF013 K10310 K20028 RWF029

Fort Liard · Lower Post · Fort Nelson · Old Fort Nelson · Hay Prairie · Hay Assumption · Rainbow Lake · High Level · Fort Vermilion · La Crete · Paddle Prairie · Trutch · Pink Mountain · Prespatou · Buick · Wonowon · Charlie Lake · Fort St. John · Taylor · Hudson's Hope · Moberly Lake · Chetwynd · Gordondale · Hines Creek · Peace River · St. Isidore · Berwyn · Grimshaw · Whitelaw · Bluesky · Fairview · Nampa · Tangent · Grovedale · Dawson Creek · Pouce Coupe · Rolla · Gordondale · Spirit River · Rycroft · Woking · Tangent · Grovedale · Dunmore · Mclennan · Falher · Guy · La Glace · Hythe · Sexsmith · Fairmont · Bezanson · DeBolt · Beaverlodge · Wembley · Grande Prairie · Kelly Lake · Kleskun Hill · Grouard Mission · High Prairie · Joussard · Kinuso · Faust · Widewater · Slave Lake · Calling Lake · Smith · Swan Hills · Little Smoky · Fort Creek · Valleyview · Whitecourt · Blue Ridge · Mayerthorpe · Sangudo · Evansburg · Entwistle · Wabamun · Stone Plain · Spruce Grove · Onoway · Alberta Beach · Silver Sands · Gunn · Cherhill · Sandy Beach · Barrhead · Westlock · Pibroch · Chisholm · Thorhild · Neerlandia · Fawcett · Jarvie · Rochester · Newbrook · Colinton · Athabasca · Grande Cache · McKeag River · Peers · Nitton Junction · Edson · Obed · Mudboro · Hinton · Brule · Robb · Cadomin · Jasper · Valemount · Blue River · Avola · Clearwater · Birch Island · Vavenby · Donald · Golden · Field · Parson · Harrogate · Spillimacheen · Brisco · Edgewater · Radium Hot Springs · Invermere · Windermere · Fairmont Hot Springs · Canal Flats · Elkford · Sparwood · Coleman · Blairmore · Bellevue · Hillcrest · Frank · Crowsnest · Lundbreck · Pincher Creek · Waterton Park · Fernie · Jaffray · Elko · Baynes Lake · Cranbrook · Moyie · Kimberley · Wasa · Skookumchuck · Canal Flats · Radium Hot Springs · Golden · Revelstoke · Mica Creek · Meadow Creek · Cooper Creek · Armstrong · Lumby · Cherryville · Vernon · Coldstream · Okanagan Landing · Oyama · Woodsdale · Lake Country · Kelowna · Winfield · Okanagan Centre · Westbank · Peachland · Summerland · Naramata · Penticton · Christian Valley · Princeton · Keremeos · Cawston · Oliver · Osoyoos · Greenwood · Midway · Grand Forks · Christina Lake · Rossland · Trail · Fruitvale · Montrose · Nelway · Castlegar · Genelle · Blueberry Creek · Salmo · Ootischenia · Thrums · Deer Park · Krestova · Nelson · Taghum · Ymir · Wynndel · Kitchener · Yahk · Creston · Kingsgate · Erickson · Hosmer · Fernie · Sparwood · Elkford · Coleman · Blairmore · Bellevue · Hillcrest · Frank · Crowsnest · Lundbreck · Pincher Creek · Waterton Park · Grassy Lake · Coutts · Milk River · Foremost · Cardston · Magrath · Raymond · Stirling · Coaldale · Lethbridge · Taber · Vauxhall · Bow Island · Medicine Hat · Redcliff · Dunmore · Suffield · Brooks · Rosemary · Tilley · Gem · Oyen · Hanna · Consort · Castor · Coronation · Provost · Lloydminster · Wainwright · Edgerton · Irma · Viking · Kinsella · Daysland · Sedgewick · Alliance · Forestburg · Camrose · Bawlf · Wetaskiwin · Millet · Leduc · Devon · Beaumont · Calmar · Thorsby · Drayton Valley · Breton · Warburg · Mulhurst · Millet · Lodgepole · Alder Flats · Buck Lake · Winfield · Grandview · Ma-Me-O Beach · Bluffton · Hobbema · Ponoka · Rimbey · Bentley · Lacombe · Clive · Blackfalds · Joffre · Red Deer · Penhold · Spruce View · Caroline · Innisfail · Bowden · Olds · Sundre · Didsbury · Carstairs · Cremona · Crossfield · Beiseker · Airdrie · Cochrane · Morley · Exshaw · Canmore · Banff · Lake Louise · Bragg Creek · Calgary · Okotoks · Turner Valley · Black Diamond · Longview · High River · Cayley · Nanton · Stavely · Claresholm · Fort Macleod · Pincher Creek · Cardston · Waterton Park · Chief Mountain · Kitsault · Stewart · Hyder · Dease Lake · Telegraph Creek · Iskut · Bell-Irving · Cassiar · Atlin · Tulsequah · Good Hope Lake · Fort Ware · Kwadacha · Prophet River · Fort Nelson · Lower Post · Fort Liard · Watson Lake · Rancheria · Swift River · Teslin · Carcross · Whitehorse · Haines Junction · Destruction Bay · Burwash Landing · Beaver Creek · Tok · Northway · Chicken · Eagle · Dawson · Mayo · Keno City · Stewart Crossing · Pelly Crossing · Carmacks · Faro · Ross River