MODIS Active Fire Detections - April 24, 2016

LEGEND

Map Current As Of April 24, 2016 - 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
- 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
	3,000
1,000	2,000
500	1,000
0 Meters	0 Feet

0 20 40 60 80 100 miles

0 20 40 60 80 100 kilometers

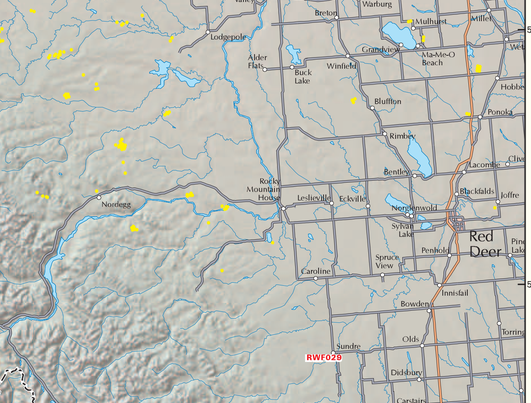
Transverse Mercator Projection

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, Hoba, Assumption, Rainbow Lake, High Level, Fort Vermilion, La Crete, Prairie, Paddle Prairie, Trutch, Pink Mountain, Prespatou, Buick, Wonowon, Charlie Lake, Fort St. John, Taylor, Hudson's Hope, Moberly Lake, Chetwynd, Rolla, Dawson Creek, Pouce Coupe, Gordondale, Hines Creek, Peace River, St. Isidore, Berwyn, Grimshaw, Whitelaw, Blueksy, Fairview, Nampa, Tangent, Grovedale, Dunvegan, McLennan, Falher, Spirit River, Rycroft, Woking, La Glace, Guy, Grouard Mission, High Prairie, Joussard, Kinuso, Faust, Widewater, Slave Lake, Calling Lake, Smith, Hythe, Sexsmith, Dairmont, Bezanson, DeBolt, Beaverlodge, Kelly Lake, Wembley, Grande Prairie, Valleyview, Kleskun Hill, Swan Hills, Little Smoky, Fort Creek, Whitecourt, Blue Ridge, Mayerthorpe, Sangudo, Cherhill, Peers, Nitton Junction, Edson, Obed, Mudboro, Hinton, Brule, Robb, Cadomin, Jasper, Valemount, McBride, Willow River, Upper Fraser, Prince George, Ferndale, Penny, Red Rock, Hixon, Quesnel, Wells, Barkerville, Kersley, Alexandria, Likely, Williams Lake, Sugarcane, Alexis Creek, Lac La Hache, 100 Mile Ranch, Riske Creek, 100 Mile House, Lone Butte, 70 Mile House, Alkali Lake, Clearwater, Birch Island, Vavenby, Little Fort, Clinton, Barriere, McLure, Blue River, Avola, Donald, Golden, Field, Parson, Harrogate, Spillimacheen, Brisco, Edgewater, Radium Hot Springs, Invermere, Windermere, Fairmont Hot Springs, Canal Flats, Elkford, Sparwood, Fernie, Hosmer, Sparwood, Coleman, Blairmore, Crowsnest Pass, Bellevue, Frank, Pincher Creek, Waterton Park, Cranbrook, Jaffray, Baynes Lake, Elko, Moyie, Kimberley, Wasa, Skookumchuck, Canal Flats, Golden, Revelstoke, Mica Creek, Sicamous, Malakwa, Tappen, Sorrento, Blind Bay, Chase, Scotch Creek, Anglemont, Mara, Salmon Arm, Grindrod, Kingfisher, Endeby, Armstrong, Spallumcheen, Enderby, Falkland, Monte Lake, Monte Creek, Pritchard, Kamloops, Savona, Walhachin, Ashcroft, Cache Creek, Lillooet, Shalalth, Logan Lake, Merritt, Collettville, Spences Bridge, Lytton, Pemberton, Whistler, Birken, Squamish, Britannia Beach, Lions Bay, Port Mellon, Roberts Creek, Gibsons, Bowen Bay, Sechelt, Halfmoon Bay, Secret Cove, Earls Cove, Egmont, Pender Harbour, Irvines Landing, Madeira Park, Garden Bay, Gillies Bay, Comox, Courtenay, Cumberland, Union Bay, Denman Island, Hornby Island, Fanny Bay, Qualicum Beach, Parksville, Sproat Lake, Errington, Nanoose Bay, Lantzville, Nanaimo, Cedar, Gabriola, Port Alberni, Cassidy, Ladysmith, Chemainus, Crofton, Vancouver, Maple Ridge, Langley, White Rock, Tsawwassen, Ucluelet, Tofino, Bamfield, Port Renfrew, Victoria, Sooke, Langford, Colwood, Metchosin, Duncan, Lake Cowichan, Honeymoon Bay, Shawnigan Lake, Cobble Hill, Mill Bay, Sidney, North Saanich, Central Saanich, Saanichton, Brentwood Bay, Mayne, Saturna, Pender Islands, Port Hardy, Coal Harbour, Quatsino, Port McNeill, Port Alice, Sointula, Alert Bay, Sayward, Zeballos, Tahsis, Gold River, Campbell River, Heriot Bay, Mansons Landing, Cortes Island, Lund, Shawl Bay, Stillwater, Powell River, Lang Bay, Saltery Bay, Merville, Black Creek, Lazo, Kelowna, Westbank, Peachland, Summerland, Naramata, Penticton, Okanagan Falls, Oliver, Osoyoos, Christian Valley, Princeton, Hedley, Keremeos, Cawston, Greenwood, Midway, Grand Forks, Christina Lake, Rossland, Trail, Fruitvale, Montrose, Nelway, Castlegar, Blueberry Creek, Genelle, Salmo, Ymir, Ootischenia, Thrums, Deer Park, Rhone, Kaslo, Slocan, Silverton, New Denver, Burton, Edgewood, Fauquier, Nakusp, Shawnigan Falls, Cherryville, Vernon, Lumby, Coldstream, Okanagan Landing, Oyama, Woodsdale, Lakeview Heights, Westbank, Winfield, Okanagan Centre, Kalamalka, Coldstream, Vernon, Lumby, Cherryville, Shuswap Falls, Meadow Creek, Cooper Creek