MODIS Active Fire Detections - July 1, 2010

Alberta

LEGEND

Map Current As Of July 1, 2010 - 0700 MDT

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

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 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/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.

VISTA labels: 10SR-LEAF, 10SR-RYAN, 10LL-GARY, 10BN-GARRET, 10BN-RONNI, 10LX-GIRARD02, 10LX-DR102A0, 10LX-ALCOC, 10LX-ALVIN, 10LX-BINN

Cities: Edmonton, Calgary, Red Deer, Lethbridge, Fort McMurray, Grande Prairie, Peace River, Fort Nelson, Hinton, Whitecourt, Slave Lake, Athabasca, Lac La Biche, Wainwright, Vermilion, Camrose, Drumheller, Medicine Hat, Brooks, Taber, Coaldale, Fort Macleod, Cardston, Pincher Creek, Crowsnest Pass, Canmore, Banff, Jasper, Hinton, Edson, Whitecourt, Valleyview, Fairview, Dawson Creek, Chetwynd, Fort St. John, Hudson's Hope, Tumbler Ridge, Beaverlodge, Hythe, Wembley, Sexsmith, Clairmont, Bezanson, DeBolt, Grande Prairie, La Glace, Woking, Sprit River, Gordondale, Rolla, Pouce Coupe, Tangent, Girouxville, Falher, Donnelly, McLennan, Nampa, Berwyn, Grimshaw, Whitelaw, Bluesky, Brownvale, Hines Creek, Bruce River, St. Isidore, Manning, Dixonville, Paddle Prairie, La Crete, High Level, Rainbow Lake, Assumption, Halcourt, Garden Creek, John D'Or Prairie, Fox Lake, Fort Vermilion, Old Fort Nelson, Fort Nelson, Trutch, Pink Mountain, Prespatou, Buick, Wonowon, Charlie Lake, Taylor, Moberly Lake, Rolla, Dawson Creek, Pouce Coupe, Chetwynd, Gordondale, Sprit River, Kleskun, Woking, La Glace, Hythe, Sexsmith, Clairmont, Bezanson, DeBolt, Grande Prairie, Wembley, Beaverlodge, Kelly Lake, Tumbler Ridge, Valleyview, Little Smoky, Swan Hills, Fox Creek, Slave Lake, Wildewater, Kinuso, Faust, Joussard, Grouard Mission, High Prairie, Guy, Falher, Donnelly, McLennan, Girouxville, Tangent, Nampa, Peace River, Berwyn, Grimshaw, Whitelaw, Bluesky, Brownvale, Fairview, Hines Creek, St. Isidore, Manning, Dixonville, Paddle Prairie, La Crete, High Level, Rainbow Lake, Assumption, Halcourt, Garden Creek, John D'Or Prairie, Fox Lake, Fort Vermilion, Old Fort Nelson, Fort Nelson, Trutch, Pink Mountain, Prespatou, Buick, Wonowon, Charlie Lake, Fort St. John, Taylor, Hudson's Hope, Moberly Lake, Chetwynd, Rolla, Dawson Creek, Pouce Coupe, Gordondale, Sprit River, Kleskun, Woking, La Glace, Hythe, Sexsmith, Clairmont, Bezanson, DeBolt, Grande Prairie, Wembley, Beaverlodge, Kelly Lake, Tumbler Ridge, Valleyview, Little Smoky, Swan Hills, Fox Creek, Slave Lake, Wildewater, Kinuso, Faust, Joussard, Grouard Mission, High Prairie, Guy, Falher, Donnelly, McLennan, Girouxville, Tangent, Nampa, Peace River, Berwyn, Grimshaw, Whitelaw, Bluesky, Brownvale, Fairview, Hines Creek, St. Isidore, Manning, Dixonville, Paddle Prairie, La Crete, High Level, Rainbow Lake, Assumption, Halcourt, Garden Creek, John D'Or Prairie, Fox Lake, Fort Vermilion, Fort Smith, Fond-du-Lac, Fort Chipewyan, Fort McMurray, Chipewyan Lake, Peerless Lake, Trout Lake, Loon Lake, Cadotte Lake, Hines Creek, Bruce River, St. Isidore, Berwyn, Grimshaw, Whitelaw, Bluesky, Brownvale, Fairview, Nampa, Falher, Donnelly, McLennan, Girouxville, Tangent, Sprit River, Gordondale, Dawson Creek, Pouce Coupe, Rolla, Chetwynd, Moberly Lake, Hudson's Hope, Fort St. John, Charlie Lake, Taylor, Wonowon, Buick, Prespatou, Pink Mountain, Trutch, Fort Nelson, Old Fort Nelson, Halcourt, Assumption, Rainbow Lake, High Level, Garden Creek, John D'Or Prairie, Fox Lake, Fort Vermilion, La Crete, Paddle Prairie, Manning, Dixonville, Peerless Lake, Trout Lake, Loon Lake, Cadotte Lake, Chipewyan Lake, Fort Chipewyan, Fort Smith, Fond-du-Lac, Fort McMurray, La Loche, Turnor Lake, Atikameg, Wabasca-Desmarais, Cadotte Lake, Calling Lake, Conklin, Buffalo Narrows, Dillon, Patuanak, Ile-a-la-Crosse, Beauval, Jans Bay, Cole Bay, Dore Lake, Green Lake, Goodsoil, Dorintosh, Pierceland, Meadow Lake, Loon Lake, Makwa, Chitek Lake, Leoville, St. Walburg, Frenchman Butte, Paradise Hill, Livelong, Spiritwood, Glaslyn, Medstead, Turtleford, Mervin, Edam, Cochin, Rabbit Lake, Lloydminster, Blackfoot, Marshall, Lashburn, Maidstone, Paynton, Meota, Delmas, North Battleford, Hafford, Maymont, Radisson, Sonningdale, Candoo, Wilkie, Scott, Senlac, Amisk, Hughenden, Izar, Provost, Macklin, Denzil, Landis, Biggar, Perdue, Luseland, Bodo, Coronation, Veteran, Consort, Altario, Major, Kerrobert, Dodsland, Plenty, Harris, Zealandia, Rosetown, Milden, Wiseton, Elrose, Eston, Kindersley, Brock, Flaxcombe, Alsask, Oyen, Cereal, Youngstown, Hanna, New Brigden, Coleville, Smiley, Acadia Valley, Empress, Leader, Sceptre, Prelate, Abbey, Kyle, Cabri, Stewart Valley, Pennant, Burstall, Jenner, Patricia, Duchess, Rosemary, Bassano, Gleichen, Carseland, Strathmore, Langdon, Chestermere, Hussar, Standard, Cochrane, Morley, Exshaw, Canmore, Banff, Lake Louise, Harrogate, Spillimacheen, Brisco, Edgewater, Radium Hot Springs, Windermere, Fairmont Hot Springs, Canal Flats, Cooper Creek, Armada, Natal, Michel Creek, Natalkuz, Cherryville, Kingfisher, Malakwa, Revelstoke, Parson, Golden, Field, Donald, Valemount, Jasper, Hinton, Edson, Marlboro, Obed, Nilon Junction, Peers, Grande Cache, Moosleg River, Pouce Coupe, Upper Fraser, Punny, Wells, McBride, Blue River, Lac la Hache, 108 Mile Ranch, Forest Grove, Williams Lake, Horsefly, Sugarcane, Likely, Quesnel, Barkerville, Wells Gray Park, Clearwater, Valemount, Tete Jaune Cache, Dunster, Mount Robson, Yellowhead Lake, Yellowhead Pass, Mount Terry Fox, Mount Fitzwilliam, Mount Robson, Mount Resplendent, Mount Sir Alexander, Mount Clitheroe, Mount Geikie, Mount Hardisty, Mount Kerkeslin, Mount Edith Cavell, Mount Athabasca, Mount Andromeda, Mount Saskatchewan, Mount Wilson, Mount Chephren, Mount Forbes, Mount Lyell, Mount Bryce, Mount Columbia, Mount Alberta, Mount Fryatt, Mount Unwin, Mount Coleman, Mount Murchison, Mount Stutfield, Mount Hooker, Mount Sarbach, Mount Amery, Mount Cirrus, Mount Warren Taylor, Mount Lyautey, Mount Cheadle, Mount Wilcox, Mount Haig, Mount Ball, Mount Joffre, Mount Lougheed, Mount Burke, Mount Head, Mount Sir Douglas, Mount Assiniboine, Mount Birdwood, Mount Shark, Mount Lorette, Mount Allan, Mount Black Prince, Mount Burstall, Mount Indefatigable, Mount Romulus, Mount Remus, Mount Lipsett, Mount Rae, Mount Glasgow, Mount Hector, Mount Gordon, Mount Stephen, Mount Dennis, Mount Victoria, Mount Lefroy, Mount Temple, Mount Hungabee, Mount Deltaform, Mount Aberdeen, Mount Brazeau, Mount Fryatt, Mount Unwin, Mount Coleman, Mount Murchison, Mount Stutfield, Mount Hooker, Mount Sarbach, Mount Amery, Mount Cirrus, Mount Warren Taylor, Mount Lyautey, Mount Cheadle, Mount Wilcox, Mount Haig, Mount Ball, Mount Joffre, Mount Lougheed, Mount Burke, Mount Head, Mount Sir Douglas, Mount Assiniboine, Mount Birdwood, Mount Shark, Mount Lorette, Mount Allan, Mount Black Prince, Mount Burstall, Mount Indefatigable, Mount Romulus, Mount Remus, Mount Lipsett, Mount Rae, Mount Glasgow, Mount Hector, Mount Gordon, Mount Stephen, Mount Dennis, Mount Victoria, Mount Lefroy, Mount Temple, Mount Hungabee, Mount Deltaform, Mount Aberdeen, Mount Brazeau