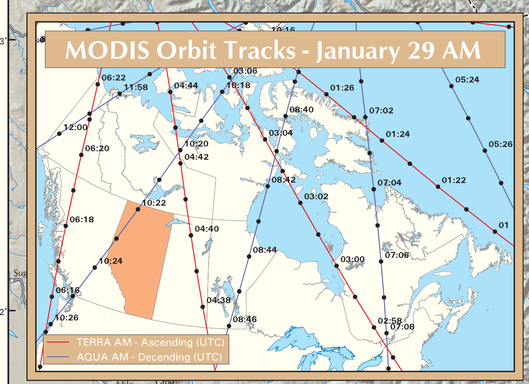
MODIS Active Fire Detections - January 29, 2014

Alberta

MODIS Orbit Tracks - January 29 AM



LEGEND

Map Current As Of January 29, 2014 - 0700 MST

- 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
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.

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Edmonton Calgary Lethbridge Red Deer Fort McMurray Fort McKay Fort Chipewyan Fort Smith Peace River Grande Prairie Hinton Whitecourt Slave Lake Athabasca Lac La Biche Cold Lake Wainwright Vermilion Lloydminster Drumheller Brooks Medicine Hat Taber Coaldale Fort Macleod Claresholm Okotoks Canmore Banff Jasper Rocky Mountain House Hanna Three Hills Stettler Camrose Wetaskiwin Leduc Beaumont Devon Stony Plain Spruce Grove Fort Saskatchewan Sherwood Park St. Albert Morinville Gibbons Redwater Bon Accord Legal Barrhead Westlock Clyde Thorhild Smoky Lake Waskatenau Vilna Saddle Lake Horseshoe Bay St. Paul Elk Point Glendon Mallaig Bonnyville Fort Kent Ardmore Goodfish Lake Kikino Boyle Rochester Newbrook Pibroch Neerlandia Fawcett Joussard Grouard Mission High Prairie Gift Lake Peerless Lake Trout Lake Loon Lake Cadotte Lake Dixonville Manning Keg River Paddle Prairie La Crete Fort Vermilion John D'Or Prairie Fox Lake High Level Rainbow Lake Assumption Habay Garden Creek Old Fort Nelson Fort Nelson Trutch Pink Mountain Prespatou Buick Wonowon Charlie Lake Fort St. John Taylor Hudson's Hope Moberly Lake Chetwynd Dawson Creek Pouce Coupe Rolla Gordondale Tangent Sexsmith Hythe La Glace Beaverlodge Wembley Clairmont Bezanson DeBolt Kelly Lake Tumbler Ridge Woking Sprit River Rycroft Hines Creek Blueslky Fairview Whitelaw Berwyn Grimshaw Bowmanale Nampa St. Isidore Donnelly Girouxville Falher McLennan Guy Smith Valleyview Little Smoky Hills Fox Creek Kinuso Faust Widewater Calling Lake Wabasca-Desmarais Conklin Chipewyan Lake Turnor Lake La Loche Dillon Buffalo Narrows Patuanak Ile-a-la-Crosse Jans Bay Cole Bay Beauval Dore Lake Green Lake Goodsoil Dorintosh Pierceland Meadow Lake Loon Lake Makwa Ghost Lake Leoville St. Walburg Frenchman Butte Paradise Hill Livelong Glaslyn Spiritwood Medstead Turtleford Mervin Edam Rabbit Lake Cochin Meota Maidstone Paynton Lashburn Marshall Blackfoot Lloydminster Kitscoty Vermilion Islay Marwayne Wainwright Edgerton Chauvin Provost Macklin Denzil Landis Biggar Perdue Luseland Bodo Coronation Consort Veteran Altario Major Kerrobert Dodsland Plenty Harris Zealandia Rosetown Smiley Colville New Brigden Hanna Youngstown Cereal Oyen Alsask Flaxcombe Kindersley Brock Wiseton Elrose Eston Eatonia Sunnynook Acadia Valley Empress Leader Sceptre Prelate Abbey Cabri Stewart Valley Pennant Burstall Jenner Patricia Duchess Rosemary Bassano Gleichen Carseland Arrowwood Strathmore Langdon Chestermere Standard Hussar Rosebud Drumheller Munson Delia Morrin Mirror Rochon Sands Clive Lacombe Bentley Rimbey Ponoka Hobbema Bluffton Edberg Rosalind Strome Sedgewick Killam Lougheed Hardisty Amisk Hughenden Czar Galahad Alliance Foremost Etzikom Wrentham Magrath Raymond Stirling Coaldale Picture Butte Barnwell Taber Grassy Lake Burdett Bow Island Suffield Rolling Hills Scandia Hays Vauxhall Enchant Carmangay Barons Turin Nobleford Monarch Granum Stavely Champion Lomond Tilley Milo Vulcan Nanton Longview High River Black Diamond Blackie Turner Valley Okotoks Cayley Aldersyde Cochrane Morley Bragg Creek Priddis Bearspaw Dalemead Chestermere Strathmore Langdon Carseland Gleichen Bassano Rosemary Duchess Patricia Jenner Burstall Pennant Cabri Abbey Prelate Sceptre Leader Empress Acadia Valley Alsask Eatonia Eston Elrose Wiseton Brock Kindersley Flaxcombe Youngstown Cereal Oyen Sunnynook Hanna New Brigden Colville Smiley Rosetown Zealandia Milden Harris Plenty Dodsland Kerrobert Major Altario Veteran Consort Coronation Bodo Luseland Biggar Perdue Landis Denzil Macklin Provost Wilkie Scott Senlac Sonningdale Cando Maymont Radisson Battleford North Battleford Halbrite Cut Knife Marsden Neilburg Chauvin Edgerton Wainwright