MODIS Active Fire Detections - August 7, 2016

HWF193
HWF130
HWF132
HWF209
HWF147
HWF215
HWF028
PWF106
MWF009
16BN-BARNEY
16LX-KNE
16LX-SIMM
16LX-GERRY
16DN-JEN

Old Fort Nelson
Fort Nelson
Halcyon
Assumption
Rainbow Lake
High Level
Garden Creek
Fort Chipewyan
Fort Vermilion
John D'Or Prairie
Fox Lake
La Crête
Trutch
Paddle Prairie
Pink Mountain
Prespatou
Buick
Wonowon
Manning
Dixonville
Peerless Lake
Loon Lake
Caslette Lake
Trout Lake
Fort McMurray
Fort MacKay
Chipewyan Lake
Atlac
La Loche
Turnor Lake
Charlie Lake
Fort St. John
Taylor
Hudson's Hope
Hines Creek
Peace River
St. Isidore
Berwyn
Grimshaw
Whitelaw
Bluesky
Brownvale
Fairview
Nampa
Moberly Lake
Rolla
Chetwynd
Gordondale
Dawson Creek
Spirit River
Pouce Coupe
Tangent
Girouxville
Donnelly
McLennan
Falher
Guy
Kyrcroft
Woking
La Glace
Hythe
Sexsmith
Fairmont
Bezanson
DeBolt
Beaverlodge
Wembley
Grande Prairie
Kelly Lake
Tumbler Ridge
Valleyview
Little Smoky
Fox Creek
Hillsi
Wabasca-Desmarais
Gift Lake
Conklin
Buffalo Narrows
Dillon
Patuanak
Ile-a-la-Crosse
Jans Bay
Cole Bay
Beauval
Dore Lake
Grosgrd Mission
High Prairie
Joussard
Kinuso
Faust
Widewater
Lake Saint
Calling Lake
Smith
Grasland
Plamondon
Lac La Biche
Athabasca
Golinton
Boyle
Fawcett
Jarvie
Kikino
Cold Lake
Goodsoil
Dorintosh
Green Lake
Pierceland
Fort Kent
Ardmore
Bonnyville
Meadow Lake
Loon Lake
Makwa
Elizabeth Metis Settlement
Sputinow
Ghost Lake
Leoville
Frenchman Butte
St. Walburg
Paradise Hill
Livelong
Spirit Wood
Glaslyn
Medstead
Turtleford
Mervin
Edam
Cochin
Rabbit Lake
Meota
Paynton
Maidstone
Lashburn
Marshall
Blackfoot
Lloydminster
Vermilion
Kitscoty
Islay
Manville
Innisfree
Marwayne
Myrnam
Derwent
Dewberry
Two Hills
Mundare
Andrew
Willingdon
Tulliby Lake
Heinsburg
Elk Point
Saddle Lake
Horseshoe Bay
St. Paul
Glendon
Bonnyville
Mallaig
Vilna
Smoky Lake
Waskatenau
Goodfish Lake
Ardmore
Fort Kent
Cold Lake
Kikino
Boyle
Rochester
Newbrook
Fitzroy
Thorhild
Clyde
Westlock
Whitecourt
Blue Ridge
Barrhead
Neerlandia
Pibroch
Vimy
Legal
Redwater
Bruderheim
Lamont
Chipman
Gibbons
Bon Accord
Sandy Beach
Morinville
Gunn
Calahoo
Opal way
Silver Sands
Alberta Beach
Evansburg
Entwistle
Wabamun
Stony Plain
Spruce Grove
Tomahawk
Devon
Beaumont
New Sarepta
Calmar
Leduc
Tofield
Ryley
Holden
Round Hill
Viking
Kinsella
Irma
Wainwright
Edgerton
Chauvin
Provost
Macklin
Denzil
Landis
Biggar
Perdue
Luseland
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Alsask
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Cereal
Youngstown
Sunnynook
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Sceptre
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Pennant
Burstall
Fox Valley
Richmound
Hazlet
Walden
Swift Current
Webb
Golden Prairie
Schuler
Tompkins
Gull Lake
Maple Creek
Piapot
Walsh
Dunmore
Medicine Hat
Redcliff
Frenchman Butte
Shaunavon
Admiral
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Frontier
Climax
Wild Horse
Coutts
Carway
Del Bonita
Mountain View
Warner
Milk River
Spring Coulee
Carmangay
Vauxhall
Hays
Taber
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Manyberries
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Magrath
Coaldale
Coalhurst
Lethbridge
Fort Macleod
Stand Off
Pincher Creek
Cowley
Blairmore
Crowsnest Pass
Lundbreck
Hillspring
Cardston
Aetna
Glenwood
Twin Butte
Mountain Park
Waterton Park
Rosemary
Duchess
Patricia
Jenner
Tilley
Bassano
Gleichen
Carseland
Strathmore
Langdon
Chestermere
Standard
Rockyford
Rosebud
Hussar
Drumheller
Delia
Hanna
Morrin
Munson
Carbon
Acme
Beiseker
Irricana
Airdrie
Crossfield
Cremona
Linden
Carstairs
Didsbury
Three Hills
Trochu
Torrington
Olds
Sundre
Innisfail
Bowden
Elnora
Big Valley
Penhold
Pine Lake
Delburne
Red Deer
Spruce View
Caroline
Sylvan Lake
Eckville
Lacombe
Clive
Mirror
Rocky Rapids
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Stettler
Erskine
Botha
Halkirk
Gadsby
Castor
Galahad
Alliance
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Bashaw
Forestburg
Amisk
Hughenden
Czar
Scotfield
Willkie
Cando
Sonningdale
Landis
Biggar
Perdue
Luseland
Bodo
Provost
Macklin
Denzil
Senlac
Scott
Wilkie
Cando
Sonningdale
Hafford
North Battleford
Battleford
Maymont
Radisson
Edgerton
Chauvin
Wainwright
Lougheed
Hardisty
Sedgewick
Killam
Heisler
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Aetna
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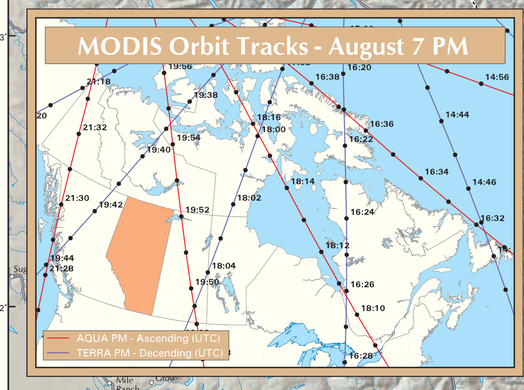
Twin Butte
Mountain Park
Waterton Park

Edmonton
Calgary
Red Deer
Lethbridge

MODIS Orbit Tracks - August 7 PM



LEGEND

Map Current As Of August 7, 2016 - 1700 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

3,500 & Above	12,000 & Above
3,000	11,000
	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/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.

Alberta