MODIS Active Fire Detections - August 25, 2016

Alberta

HWF193
HWF130
HWF244
HWF028
HWF243
PWF108
HWF238
MWF009
EWF078
16LX-FURRY

Edmonton
Calgary
Red Deer
Lethbridge
Fort McMurray
Grande Prairie
Peace River
Fort Chipewyan
Fort Smith
Fort Nelson
Old Fort Nelson
Hay River
High Level
Rainbow Lake
Assumption
Halcyon
Garden Creek
Fort Vermilion
John D'Or Prairie
Fox Lake
La Crête
Paddle Prairie
Manning
Dixonville
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
Whitelaw
Berwyn
Grimshaw
Bluesky
Fairview
Brownvale
Spirit River
Rycroft
Woking
Tangent
Girouxville
Donnelly
McLennan
Falher
Guy
Namao
St. Isidore
Gift Lake
Grouard Mission
High Prairie
Joussard
Kinuso
Faust
Widewater
Lake Saint Vincent
Calling Lake
Wabasca-Desmarais
Cadotte Lake
Loon Lake
Trout Lake
Peerless Lake
Chipewyan Lake
Fort McKay
Anzac
La Loche
Turnor Lake
Fond-du-Lac
Dillon
Buffalo Narrows
Peter Pond Lake
Ile-a-la-Crosse
Beauval
Jans Bay
Cole Bay
Dore Lake
Conklin
Gregoire Lake
Smith
Hylo
Sexsmith
Fairmont
Bezanson
DeBolt
Beaverlodge
Wembley
Grande Prairie
Kelly Lake
Tumbler Ridge
La Glace
Valleyview
Little Smoky
Hillso
Fox Creek
Whitecourt
Blue Ridge
Mayerthorpe
Sangudo
Evansburg
Entwistle
Wabamun
Stony Plain
Spruce Grove
Alberta Beach
Silver Sands
Sandy Beach
Gunn
Opuwo
Calahoo
Morinville
Legal
Busby
Pickardville
Barrhead
Vimy
Westlock
Clyde
Thorhild
Redwater
Bon Accord
Gibbons
Fort Saskatchewan
Andrew
Willingdon
Lamont
Chipman
Mundare
Two Hills
Myrnam
Derwent
Bruderheim
Tofield
Ryley
Holden
Beaumont
New Sarepta
Calmar
Leduc
Thorsby
Warburg
Breton
Drayton Valley
Lodgepole
Mulhurst
Millet
Bittern Lake
Hay Lakes
Camrose
Round Hill
Viking
Kinsella
Irma
Wainwright
Edgerton
Chauvin
Provost
Macklin
Denzil
Luseland
Major
Kerrobert
Dodsland
Plenty
Harris
Zealandia
Rosetown
Smiley
Coleville
New Brigden
Consort
Veteran
Coronation
Castor
Halkirk
Gadsby
Botha
Stettler
Erskine
Alix
Joffre
Lacombe
Clive
Mirror
Rochon Sands
Bentley
Lesliville
Eckville
Blackfalds
Penhold
Delburne
Pine Lake
Innisfail
Elnora
Big Valley
Bowden
Olds
Sundre
Didsbury
Torrington
Trochu
Three Hills
Morrin
Munson
Delia
Hanna
Youngstown
Cereal
Oyen
Sunnynook
Acadia Valley
Empress
Alsask
Foremost
Etzikom
Manyberries
Consul
Frontier
Climax
Wrentham
Raymond
Magrath
Stirling
Coaldale
Coalhurst
Picture Butte
Barnwell
Taber
Grassy Lake
Burdett
Bow Island
Foremost
Redcliff
Medicine Hat
Dunmore
Walsh
Piapot
Maple Creek
Admiral
Shaunavon
Murraydale
Eastend
Robsart
Wildhorse
Coutts
Milk River
Warner
Del Bonita
Carway
Mountain View
Waterton Park
Crowsnest Pass
Blairmore
Coleman
Chinook Park
Landreck
Pincher Creek
Glenwood
Hillspring
Cardston
Spring Coulee
Stand Off
Fort Macleod
Lundbreck
Beazer
Brocket
Jaffray
Elko
Baynes Lake
Fernie
Sparwood
Hosmer
Kimberley
Wasa
Cranbrook
Moyie
Yahk
Kingsgate
Creston
Wynndel
Kitchener
Yellow Grass
Grassmere
Roosville
Waldron
Lodgepole
Alder Flats
Buck Lake
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Ma-Me-O Beach
New Norway
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Erintosh
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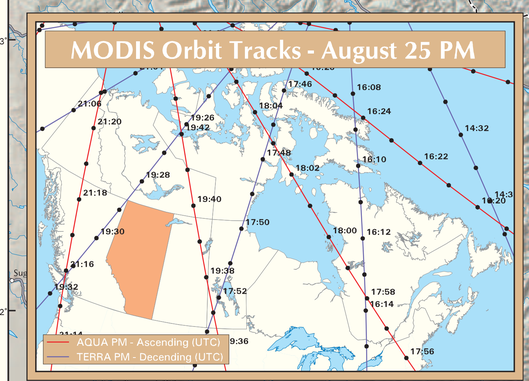
MODIS Orbit Tracks - August 25 PM



LEGEND

Map Current As Of August 25, 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

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.