MODIS Active Fire Detections - July 27, 2010

Alberta

10SR-RENA
10SR-EAST
10SR-LAKE
10SR-LEAF
10SR-HAIGHT
10SR-DR23303
10SR-BEAN
10SR-DR23301
10SR-DR23302
10SR-BAY
10SR-RYAN
10LL-HARRISON
10LL-BORDER
10LL-Norm
10BN-GARRET
10LL-LAURIE
10LL-Dell
10LL-MIRROR
10LL-GERALD
10EX-GIRARD02
10BN-DEANNE
10BN-SMITH
10BN-BUZZARD
10LL-CHARLIE
10LL-SISI
10EX-DANIEL
10BN-CLARA
10LX-ALVIN
10LX-HEARN
10LX-LEARN
10LX-DOR

Old Fort Nelson
Fort Nelson
Halcyon
Assumption
Rainbow Lake
High Level
Garden Creek
Fort Chipewyan
Fort Smith
Fort Vermilion
John D'Or Prairie
Fox Lake
La Crete
Paddle Prairie
Trutch
Pink Mountain
Prespatou
Buick
Wonowon
Manning
Dixonville
Peerless Lake
Trout Lake
Loon Lake
Chipewyan Lake
Fort McMurray
Fort MacKay
Akizac
La Loche
Turnor Lake
Charlie Lake
Fort St. John
Taylor
Hudson's Hope
Moberly Lake
Chetwynd
Hines Creek
Whitelaw
Berwyn
Grimshaw
Bluesky
Brownvale
Fairview
Peace River
St. Isidore
Nampa
Cadotte Lake
Rolla
Dawson Creek
Pouce Coupe
Gordondale
Spirit River
Tangent
Girouxville
Donnelly
McLennan
Falher
Guy
Waiau
Hythe
Sexsmith
La Glace
Kelly Lake
Beaverlodge
Clairmont
Bezanson
DeBolt
Wembley
Grande Prairie
Tumbler Ridge
Valleyview
Little Smoky
Fox Creek
Swan Hills
Grouard Mission
High Prairie
Joussard
Faust
Kinuso
Widewater
Slave Lake
Wabasca-Desmarais
Calling Lake
Conklin
Buffalo Narrows
Dillon
Patuanak
Ile-a-la-Crosse
Beauval
Jans Bay
Cole Bay
Dore Lake
Smith
Grassland
Plamondon
Athabasca
Lac La Biche
Goodfish Lake
Kikino
Cold Lake
Fort Kent
Ardmore
Bonnyville
Pierceland
Goodsoil
Dorintosh
Green Lake
Meadow Lake
Loon Lake
Makwa
Elizabeth Metis Settlement
Spotnow
Ghost Lake
Leoville
Frenchman Butte
St. Walburg
Paradise Hill
Livelong
Glaslyn
Spiritwood
Medstead
Turtleford
Mervin
Edam
Cochin
Rabbit Lake
Meota
Paynton
Maidstone
Lashburn
Marshall
Blackfoot
Lloydminster
Kitscoty
Vermilion
Islay
Manville
Innisfree
Mannville
Derwent
Dewberry
Heinsburg
Tulliby Lake
Myrnam
Two Hills
Willingdon
Andrew
Mundare
Vegreville
Marwayne
Chauvin
Edgerton
Wainwright
Sedgewick
Lougheed
Hardisty
Amisk
Hughenden
Czar
Provost
Alliance
Galahad
Donalda
Forestburg
Bashaw
Ferintosh
Edberg
Rosalind
Killam
Daysland
Strome
Bawlf
New Norway
Wetaskiwin
Millet
Camrose
Bittern Lake
Hay Lakes
Kinsella
Viking
Irma
Round Hill
Tofield
Ryley
Holden
Beaumont
New Sarepta
Devon
Calmar
Leduc
Thorsby
Warburg
Breton
Drayton Valley
Lodgepole
Mulhurst
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Buck Lake
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Shaunavon
Murraydale
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Climax
Wild Horse
Coutts
Del Bonita
Carway
Mountain View
Milk River
Warner
Wrentham
Foremost
Etzikom
Manyberries
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Goose
Ayola
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Christina Lake
Rossland
Trail
Fruitvale
Montrose
Castlegar
Blueberry Creek
Salmo
Ymir
Nelway
Creston
Kingsgate
Yahk
Wynndel
Kitchener
Moyie
Baynes Lake
Elko
Fernie
Jaffray
Cranbrook
Kimberley
Waldo
Sparwood
Elkford
Crowsnest Pass
Coleman
Blairmore
Bellevue
Hillcrest
Frank
Pincher Creek
Glenwood
Hillspring
Spring Coulee
Cardston
Magrath
Raymond
Stand Off
Fort Macleod
Coaldale
Coalhurst
Picture Butte
Nobleford
Monarch
Granum
Barons
Carmangay
Claresholm
Vauxhall
Enchant
Stavely
Champion
Lomond
Scandia
Rolling Hills
Suffield
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Duchess
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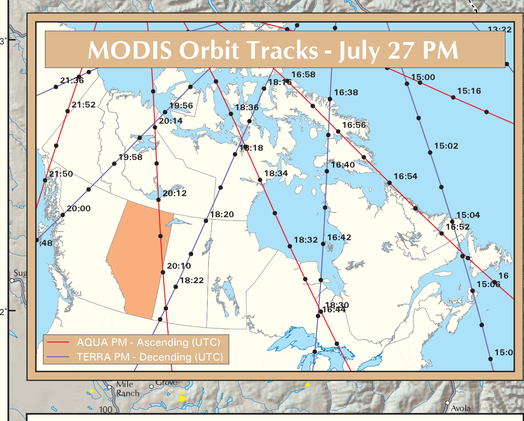
Manyberries

MODIS Orbit Tracks - July 27 PM



LEGEND

Map Current As Of July 27, 2010 - 1900 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.