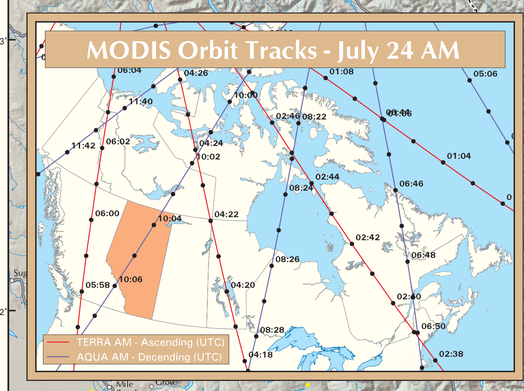
MODIS Active Fire Detections - July 24, 2010

Alberta

MODIS Orbit Tracks - July 24 AM



LEGEND

Map Current As Of July 24, 2010 - 0700 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.

Active Fire Mapping | USFS | RSAC | Alberta Sustainable Resource Development Forest Protection | NASA | NOAA

Fort Smith
10SR-LEAF
10SR-HAIGHT
Fond-du-Lac
10SR-RYAN
Old Fort Nelson
Fort Nelson
Halcay
Assumption
Rainbow Lake
High Level
Garden Creek
Fort Chipewyan
10LL-HARRISON
10LL-BORDER
10LL-Norm
10BN-GARRET
John D'Or Prairie
Fox Lake
Fort Vermilion
La Crete
Paddle Prairie
Trutch
10LL-JENNY
10LL-MIRROR
Pink Mountain
Fort McKay
Prespatou
Buick
Wonowon
Manning
Chipewyan Lake
10LX-GIRARD02
10BN-DEANNE
Fort McMurray
Peerless Lake
Trout Lake
Loon Lake
Dixonville
Cadotte Lake
La Loche
10LL-JENNY
Turnor Lake
10LX-DANIEL
Akizac
10BN-CLARA
Charlie Lake
Fort St. John
Taylor
Hines Creek
Peace River
St. Isidore
Hudson's Hope
Whitelaw
Berwyn
Grimshaw
Bluesky
Brownvale
Fairview
Nampa
Moberly Lake
Rolla
Chetwynd
Dawson Creek
Gordondale
Sprirt River
Tangent
Girouxville
Donnelly
McLennan
Pouce Coupe
Wabasca-Desmarais
Buffalo Narrows
Patuanak
10LX-ALVIN
Dillon
Gift Lake
Conklin
Waking
Guy
La Glace
Grouard Mission
High Prairie
Hythe
Sexsmith
Joussard
Kinuso
Widewater
Slave Lake
Faust
Ile-a-la-Crosse
Jans Bay
Cole Bay
Beauval
Kelly Lake
Beaverlodge
Clairmont
Bezanson
DeBolt
Tumbler Ridge
Wembley
Grande Prairie
Calling Lake
Smith
10LX-DOR
Valleyview
Grassland
Plamondon
Lac La Biche
Dore Lake
Little Smoky
Swan Hills
Athabasca
Goodsoil
Dorintosh
Green Lake
Fox Creek
Goldfish Lake
Kikino
Cold Lake
Fort Kent
Ardmore
Pierceland
Meadow Lake
Upper Fraser
Whitecourt
Blue Ridge
Westlock
Clyde
Thorhild
Waskatenau
Smoky Lake
Vilna
Horseshoe Bay
St. Paul
Saddle Lake
Elizabeth Metis Settlement
Loon Lake
Makwa
Grande Cache
Moose River
Barrhead
Vimy
Picardville
Bushy
Legal
Redwater
Andrew
Willingdon
Tulliby Lake
Heinsburg
Elk Point
Spotnow
Ghost Lake
Leoville
Mayerthorpe
Sangudo
Bon Accord
Gibbons
Brudenheim
Lamont
Chapman
Sandy Beach
Morinville
Cherhill
Gunn
Calahoo
Crooway
Silver Sands
Evansburg
Alberta Beach
Fort Saskatchewan
Mundare
Two Hills
Myrnam
Derwent
Dewberry
Frenchman Butte
St. Walburg
Paradise Hill
Ulivelong
Glaslyn
Spiritwood
Peers
Nilton Junction
Edson
Marlboro
Obed
Entwistle
Wabamun
Stony Plain
Spruce Grove
Edmonton
Vegreville
Marwayne
Medstead
Turtleford
Mervin
Hinton
McBride
Brule
Tomahawk
Devon
Beaumont
New Sarepta
Tofield
Ryley
Innisfree
Vermilion
Islay
Kitscoty
Mannville
Lloydminster
Blackfoot
Marshall
Lashburn
Edam
Cochin
Rabbit Lake
Robb
Calmar
Leduc
Holden
Drayton Valley
Thorsby
Round Hill
Viking
Kinsella
Irma
Paradise Valley
Maidstone
Paynton
Meota
Delmas
Marsden
Neilburg
Cut Knife
North Battleford
Battleford
Halfard
Maymont
Radisson
Jasper
Cadomin
Grande Cache
Breton
Warburg
Lodgepole
Mulhurst
Millet
Bittern Lake
Camrose
Wetaskiwin
New Norway
Bawlf
Daysland
Strome
Sedgewick
Lougheed
Hardisty
Wainwright
Edgerton
Chauvin
Hobbema
Ponoka
Rimbey
Bashaw
Donalda
Forestburg
Killam
Edberg
Rosalind
Heisler
Amisk
Hughenden
Czar
Senlac
Sonningdale
Bentley
Lacombe
Clive
Mirror
Rocky Mountain House
Leslieville
Eckville
Blackfalds
Alix
Stettler
Botha
Galahad
Alliance
Provost
Macklin
Denzil
Scott
Wilkie
Landis
Cando
Nordegg
Sylvan Lake
Red Deer
Delburne
Pine Lake
Halkirk
Gadsby
Castor
Coronation
Veteran
Consort
Altario
Bodo
Luseland
Biggar
Perdue
Caroline
Spruce View
Penhold
Innisfail
Elnora
Big Valley
Bowden
Major
Kerrobert
Dodsland
Plenty
Harris
Olds
Sundre
Torrington
Trochu
Three Hills
New Brigden
Coleville
Smiley
Rosetown
Zealandia
Didsbury
Hanna
Morrin
Munson
Delia
Youngstown
Kindersley
Milden
Wiseton
Cremona
Carstairs
Linden
Acme
Carbon
Drumheller
Cereal
Oyen
Alsask
Brock
Elrose
Crossfield
Beiseker
Airdrie
Irricana
Rockyford
Rosebud
Sunnynook
Eatonia
Eston
Acadia Valley
Empress
Leader
Sceptre
Kyle
Perlate
Abbey
Cochrane
Standard
Chestermere
Strathmore
Hussar
Calgary
Langdon
Gleichen
Carseland
Bassano
Duchess
Jenner
Patricia
Rosemary
Burstall
Cabri
Pennant
Stewart Valley
Bragg Creek
Turner Valley
Black Diamond
Blackie
Arrowwood
Oyen
Milo
Longview
High River
Cayley
Nanton
Vulcan
Books
Tilley
Hilda
Richmound
Fox Valley
Hazlet
Schuler
Golden Prairie
Webb
Tompkins
Gull Lake
Swift Current
Scandia
Rolling Hills
Suffield
Lomond
Champion
Enchant
Stavely
Carmangay
Claresholm
Vauxhall
Hays
Redcliff
Medicine Hat
Walsh
Piapot
Maple Creek
Dunmore
Barons
Granum
Nobleford
Picture Butte
Turin
Taber
Grassy Lake
Burdett
Bow Island
Severn Persons
Admiral
Shaunavon
Murraydale
Fort Macleod
Coalhurst
Coaldale
Barnwell
Lethbridge
Stand Off
Magrath
Raymond
Foremost
Etzikom
Manyberries
Eastend
Robsart
Consul
Frontier
Climax
Wrentham
Milk River
Warner
Carway
Coutts
Wild Horse
Del Bonita
Cardston
Mountain View
Waterton Park
Pincher Creek
Glenwood
Hillspring
Spring Coulee
Brocket
Crowsnest Pass
Coleman
Blairmore
Sandbreck
Frank
Bellevue
Hillcrest
Ferme
Jaffray
Baynes Lake
Elko
Grasmere
Roosville
Fernie
Cranbrook
Moyie
Kimberley
Wasa
Sparwood
Elkford
Natal
Michel
Crowsnest
Hosmer