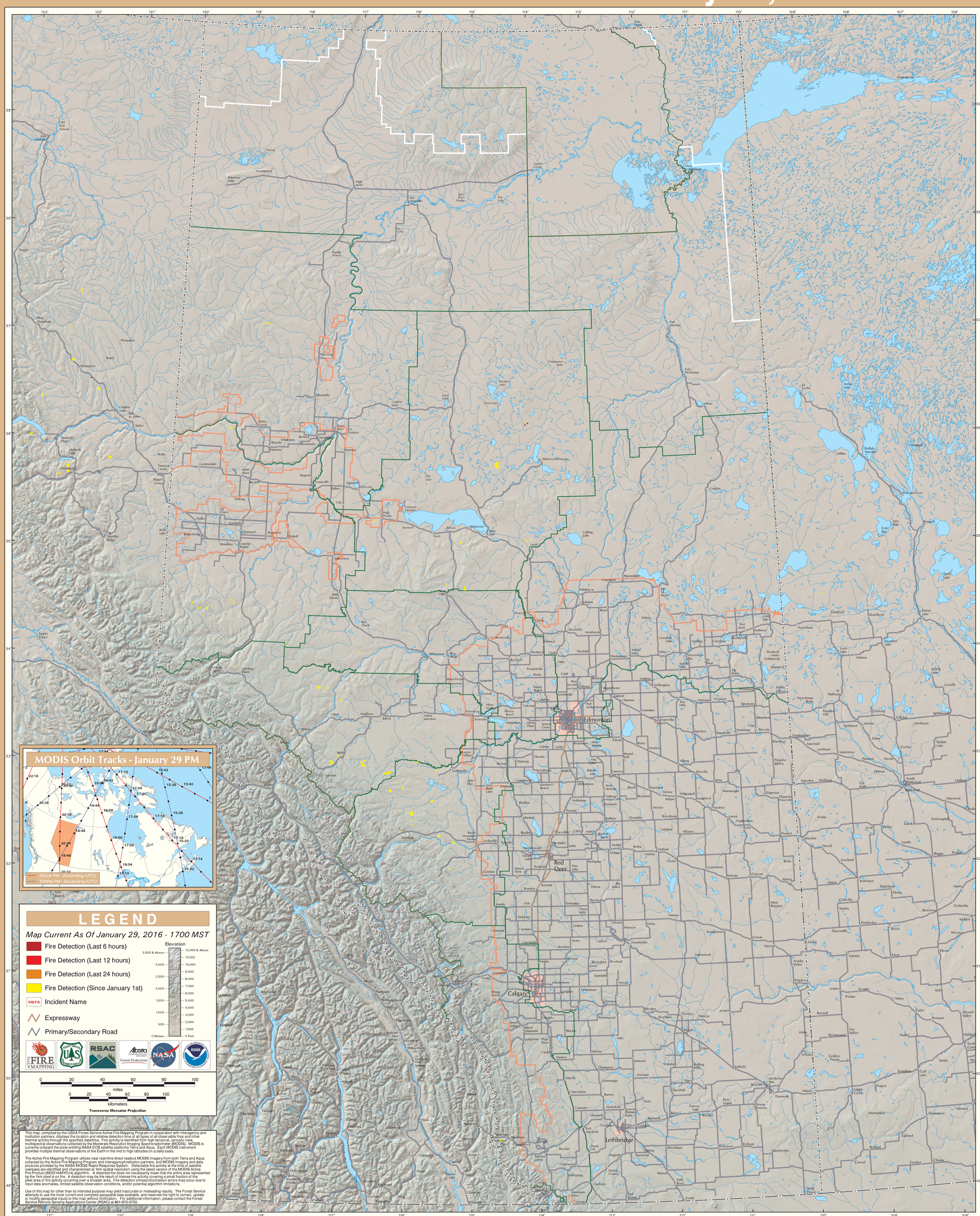
# MODIS Active Fire Detections - January 29, 2016


MODIS Orbit Tracks - January 29 PM
AQUA PM - Ascending (UTC)
TERRA PM - Decending (UTC)
LEGEND
Map Current As Of January 29, 2016 - 1700 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
3,500 & Above
3,000
2,500
2,000
1,500
1,000
500
0 Meters
12,000 & Above
11,000
10,000
9,000
8,000
7,000
6,000
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.
Alberta
Edmonton
Calgary
Red Deer
Lethbridge
Fort Nelson
Fort Chipewyan
Fort McMurray
Fort Smith
Peace River
Grande Prairie
Hinton
Jasper
Banff
Canmore
Cochrane
Drumheller
Wainwright
Vermilion
Lloydminster
Athabasca
Whitecourt
Edson
Slave Lake
Valleyview
Fairview
Dawson Creek
Chetwynd
Fort St. John
Taylor
Hudson's Hope
Charlie Lake
Wonowon
Buick
Pink Mountain
Prespatou
Old Fort Nelson
Trutch
Upper Fraser
Tumbler Ridge
Beaverlodge
Hythe
Wembley
Kelly Lake
Rolla
Pouce Coupe
Gordondale
Sexsmith
La Glace
Woking
Clairmont
Bezanson
DeBolt
Sturgeon Lake
Falher
Donnelly
McLennan
Guy
Girouxville
Sprit River
Kleskun
Tangent
Nampa
Berwyn
Grimshaw
Bluesky
Whitelaw
Brownvale
Hines Creek
Bluesky
Fairview
Manning
Dixonville
Cadotte Lake
Loon Lake
Trout Lake
Peerless Lake
Chipewyan Lake
Wabasca-Desmarais
Calling Lake
Conklin
Janvier
Chard
Anzac
Gregoire Lake
Fort McMurray
La Loche
Turnor Lake
Buffalo Narrows
Patuanak
Dillon
Ile-a-la-Crosse
Beauval
Jans Bay
Cole Bay
Dore Lake
Green Lake
Goodsoil
Dorintosh
Meadow Lake
Loon Lake
Makwa
Chitek Lake
Leoville
Spiritwood
Medstead
Glaslyn
Turtleford
Mervin
Paradise Hill
St. Walburg
Frenchman Butte
Lloydminster
Blackfoot
Marshall
Lashburn
Maidstone
Paynton
Meota
Cochin
Rabbit Lake
Edam
Turtleford
Robsart
Consul
Frontier
Climax
Eastend
Admiral
Shaunavon
Murraydale
Maple Creek
Piapot
Gull Lake
Tompkins
Webb
Swift Current
Walden
Hazlet
Fox Valley
Richmound
Hilda
Schuler
Golden Prairie
Cabri
Pennant
Stewart Valley
Burstall
Jenner
Patricia
Rosemary
Duchess
Brooks
Bassano
Tilley
Scandia
Rolling Hills
Suffield
Medicine Hat
Redcliff
Walsh
Dunmore
Seven Persons
Bow Island
Grassy Lake
Burdett
Taber
Barnwell
Coaldale
Coalhurst
Picture Butte
Turin
Enchant
Vauxhall
Hays
Carmangay
Stavely
Claresholm
Granum
Nobleford
Barons
Champion
Lomond
Milo
Vulcan
Nanton
Longview
High River
Okotoks
Black Diamond
Turner Valley
Aldersyde
Blackie
Arrowwood
Carseland
Gleichen
Strathmore
Langdon
Chestermere
Standard
Hussar
Rockyford
Rosebud
Airdrie
Irricana
Beiseker
Acme
Carbon
Crossfield
Cremona
Carstairs
Didsbury
Olds
Sundre
Innisfail
Bowden
Elnora
Big Valley
Three Hills
Trochu
Torrington
Linden
Munson
Morrin
Delia
Hanna
New Brigden
Youngstown
Cereal
Oyen
Sunnynook
Acadia Valley
Empress
Altario
Veteran
Consort
Coronation
Castor
Halkirk
Gadsby
Botha
Stettler
Erskine
Alix
Joffre
Lacombe
Clive
Mirror
Rochon Sands
Galahad
Alliance
Provost
Macklin
Denzil
Bodo
Luseland
Biggar
Perdue
Landis
Wilkie
Scott
Cando
Sonningdale
Senlac
Hughenden
Czar
Amisk
Hardisty
Forestburg
Donalda
Bashaw
Rimbey
Ponoka
Hobbema
Bluffton
Winfield
Buck Lake
Wetaskiwin
Ma-Me-O Beach
New Norway
Bawlf
Daysland
Strome
Sedgewick
Lougheed
Killam
Rosalind
Edberg
Erintosh
Heisler
Foresburg
Wainwright
Edgerton
Chauvin
Marsden
Neilburg
Cut Knife
Battleford
North Battleford
Maymont
Radisson
Halbrite
Harris
Plenty
Dodsland
Kerrobert
Major