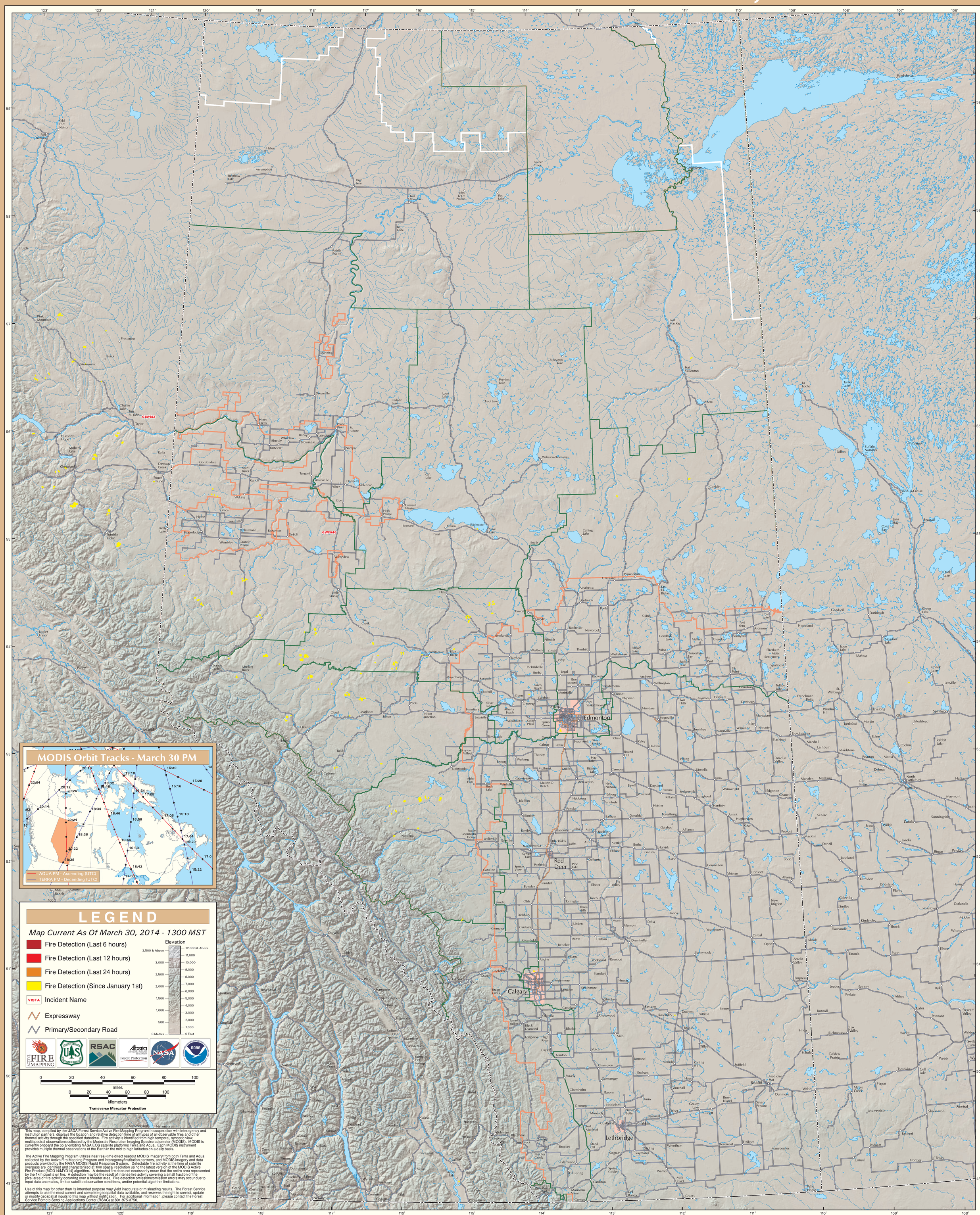
MODIS Active Fire Detections - March 30, 2014


MODIS Orbit Tracks - March 30 PM
AQUA PM - Ascending (UTC)
TERRA PM - Decending (UTC)
LEGEND
Map Current As Of March 30, 2014 - 1300 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/commission 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 McMurray
Fort Chipewyan
Fort Smith
Fort Nelson
Grande Prairie
Peace River
Slave Lake
Lac La Biche
Athabasca
Bonnyville
Cold Lake
Fort Kent
Ardmore
Pierceland
Goodsoil
Dorintosh
Green Lake
Meadow Lake
Loon Lake
Makwa
Chitek Lake
Leoville
Glaslyn
Spiritwood
Medstead
Turtleford
Mervin
Edam
Cochin
Rabbit Lake
Meota
Paynton
Maidstone
Lashburn
Marshall
Blackfoot
Lloydminster
Vermilion
Kitscoty
Islay
Mannville
Innisfree
Two Hills
Mundare
Vegreville
Tofield
Ryley
Holden
Viking
Kinsella
Irma
Wainwright
Edgerton
Chauvin
Marsden
Neilburg
Cut Knife
North Battleford
Battleford
Maymont
Radisson
Hafford
Senlac
Sonningdale
Cando
Scott
Wilkie
Landis
Biggar
Perdue
Luseland
Macklin
Denzil
Provost
Bodo
Kerrobert
Major
Altario
Consort
Veteran
Coronation
Dodsland
Plenty
Harris
Zealandia
Rosetown
Milden
Wiseton
Elrose
Eston
Eatonia
Kindersley
Brock
Flaxcombe
Alsask
Oyen
Cereal
New Brigden
Youngstown
Hanna
Delia
Morrin
Munson
Drumheller
Sunnynook
Acadia Valley
Empress
Leader
Sceptre
Prelate
Abbey
Kyle
Cabri
Pennant
Stewart Valley
Burstall
Richmond
Fox Valley
Hazlet
Waldeck
Swift Current
Webb
Tompkins
Gull Lake
Piapot
Maple Creek
Murraydale
Shaunavon
Admiral
Eastend
Robsart
Consul
Frontier
Climax
Golden Prairie
Schuler
Hilda
Bassano
Rosemary
Duchess
Patricia
Jenner
Brooks
Tilley
Rolling Hills
Suffield
Medicine Hat
Redcliff
Dunmore
Walsh
Bow Island
Grassy Lake
Taber
Burdett
Severn Persons
Foremost
Etzikom
Manyberries
Wrentham
Magrath
Raymond
Stirling
Warner
Milk River
Spring Coulee
Cardston
Del Bonta
Coutts
Wild Horse
Mountain View
Waterton Park
Carway
Pincher Creek
Glenwood
Hillspring
Brocket
Stand Off
Fort Macleod
Coalhurst
Coaldale
Picture Butte
Barnwell
Nobleford
Monarch
Granum
Barons
Turin
Claresholm
Carmangay
Vauxhall
Enchant
Stavely
Champion
Lomond
Nanton
Vulcan
Milo
Blackie
Longview
High River
Cayley
Black Diamond
Turner Valley
Okotoks
Arrowwood
Carseland
Gleichen
Strathmore
Langdon
Chestermere
Hussar
Standard
Rockyford
Rosebud
Airdrie
Irricana
Beiseker
Crossfield
Carbon
Acme
Linden
Trochu
Three Hills
Torrington
Munson
Morrin
Delia
Drumheller
Sundre
Olds
Didsbury
Carstairs
Cremona
Innisfail
Bowden
Elnora
Big Valley
Penhold
Pine Lake
Delburne
Spruce View
Caroline
Sylvan Lake
Eckville
Lacombe
Clive
Mirror
Rocky Mountain House
Leslieville
Blackfalds
Alix
Joffre
Stettler
Erskine
Botha
Gadsby
Castor
Halkirk
Galahad
Alliance
Daysland
Strome
Killam
Heisler
Forestburg
Bawlf
Rosalind
Edberg
Ferintosh
New Norway
Bashaw
Donalda
Bentley
Rimbey
Bluffton
Hobbema
Ponoka
Wetaskiwin
Ma-Me-O Beach
Camrose
Bittern Lake
Hay Lakes
Millet
Mulhurst
Warburg
Breton
Thorsby
Leduc
Calmar
Beaumont
New Sarepta
Devon
Drayton Valley
Lodgepole
Alder Flats
Winfield
Grandview
Buck Lake
Kinuso
Faust
Wildwater
Slave Lake
Smith
Calling Lake
Gift Lake
Wabasca-Desmarais
Conklin
Dillon
Buffalo Narrows
Pelican Narrows
Ile-a-la-Crosse
Beauval
Jans Bay
Cole Bay
Dore Lake