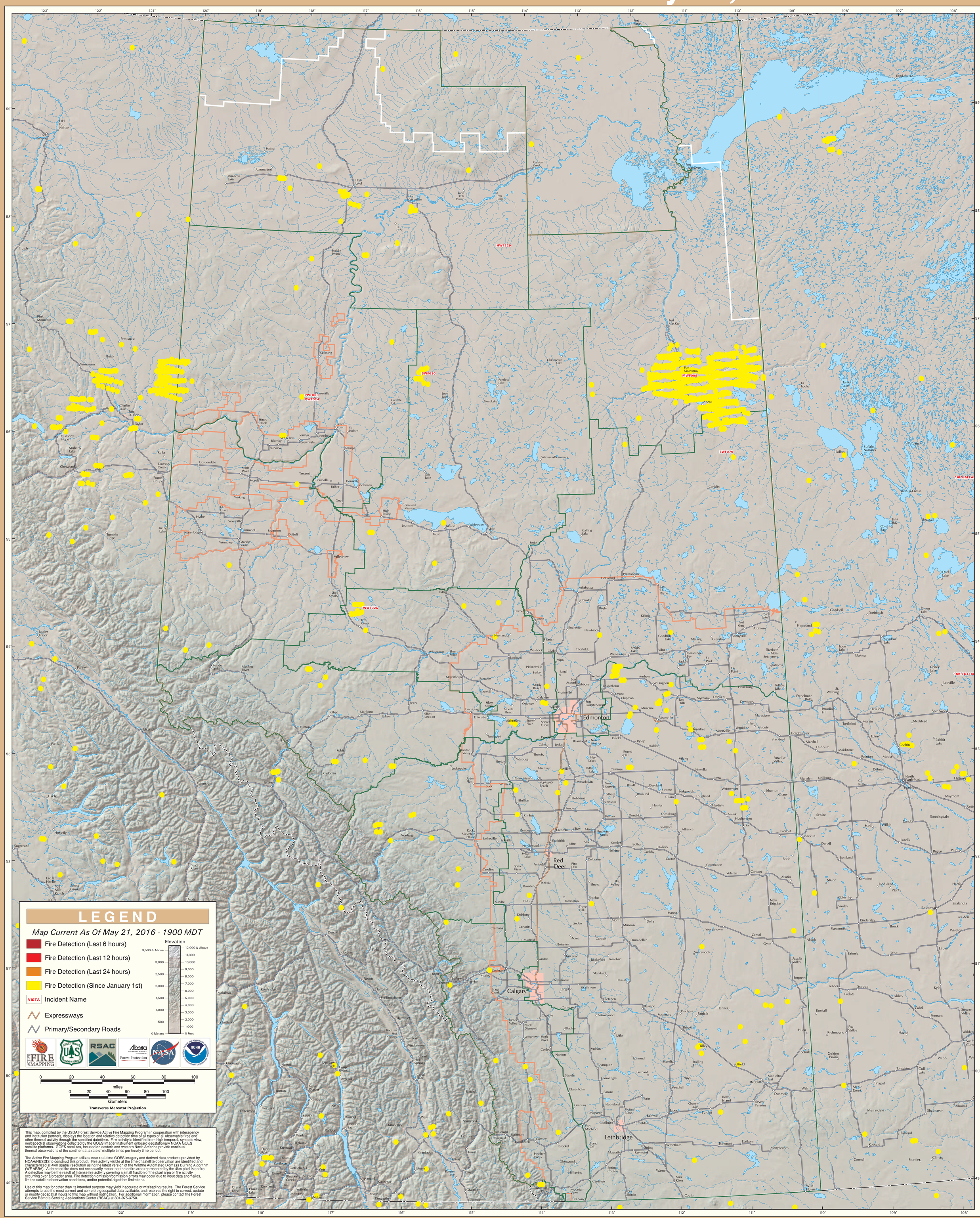
GOES Active Fire Detections - May 21, 2016


LEGEND
Map Current As Of May 21, 2016 - 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
Expressways
Primary/Secondary Roads
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 GOES Imager instrument onboard geostationary NOAA GOES satellite platforms. GOES satellites, focused on eastern and western North America provide continual thermal observations of the continent at a rate of multiple times per hourly time period.
The Active Fire Mapping Program utilizes near real-time GOES imagery and derived data products provided by NOAA/NESDIS to construct this product. Fire activity visible at the time of satellite observation are identified and characterized at 4km spatial resolution using the latest version of the Wildfire Automated Biomass Burning Algorithm (WF ABBA). A detected fire does not necessarily mean that the entire area represented by the 4km 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 McMurray
Fort Chipewyan
Fort Smith
Fort Nelson
Grande Prairie
Peace River
Slave Lake
Athabasca
Lac La Biche
Cold Lake
Bonnyville
Lloydminster
Drumheller
Hinton
Jasper
Banff
Canmore
Cochrane
Fort Macleod
Medicine Hat
Brooks
Stettler
Wetaskiwin
Leduc
Camrose
Vermilion
Tofield
Ryley
Holden
Viking
Kinsella
Irma
Mariden
Neilburg
Edgerton
Chauvin
Wainwright
Hardisty
Amisk
Hughenden
Azar
Provost
Macklin
Denzil
Luseland
Bodo
Coronation
Veteran
Consort
Altario
Oyen
Cereal
Youngstown
Hanna
Delia
Morrin
Munson
Drumheller
Sunnynook
Acme
Carbon
Beiseker
Airdrie
Irricana
Rockyford
Rosebud
Standard
Hussar
Langdon
Strathmore
Chestermere
Bragg Creek
Turner Valley
Black Diamond
Longview
High River
Okotoks
Cayley
Nanton
Vulcan
Milo
Lomond
Champion
Enchant
Carmangay
Barons
Stavely
Claresholm
Granum
Nobleford
Picture Butte
Coalhurst
Coaldale
Barnwell
Taber
Grassy Lake
Burdett
Bow Island
Seven Persons
Redcliff
Dunmore
Walsh
Medicine Hat
Tilley
Suffield
Rolling Hills
Scandia
Vauxhall
Hays
Turin
Monarch
Stand Off
Magrath
Raymond
Stirling
Spring Coulee
Cardston
Del Bonita
Coutts
Milk River
Warner
Wrentham
Etzikom
Foremost
Manyberries
Wild Horse
Consul
Frontier
Climax
Eastend
Robsart
Maple Creek
Piapot
Shaunavon
Admiral
Murraydale
Tompkins
Gull Lake
Webb
Swift Current
Waldeck
Stewart Valley
Pennant
Cabri
Abbey
Prelate
Sceptre
Leader
Burstall
Kyle
Elrose
Eston
Eatonia
Flaxcombe
Kindersley
Brock
Wiseton
Rosetown
Zealandia
Milden
Landis
Perdue
Biggar
Luseland
Major
Kerrobert
Dodsland
Plenty
Harris
Sonningdale
Scott
Wilkie
Cando
Senlac
Macklin
Provost
Alsask
Acadia Valley
Empress
Eatonia
Eston
Elrose
Kyle
Leoville
Cochin
Meota
Paradise Valley
Paradise Hill
Frenchman Butte
St. Walburg
Turtleford
Mervin
Edam
Lashburn
Maidstone
Paynton
Delmas
Cut Knife
North Battleford
Battleford
Maymont
Radisson
Marshall
Blackfoot
Kitscoty
Vermilion
Mannville
Innisfree
Mundare
Vegreville
Two Hills
Myrnam
Derwent
Dewberry
Marwayne
Lindy
Glaslyn
Spirit Wood
Medstead
Rabbit Lake
Chitek Lake
Green Lake
Meadow Lake
Makwa
Loon Lake
Goodsoil
Dorintosh
Pierceland
Cold Lake
Ardmore
Fort Kent
Bonnyville
Glendon
Mallaig
Goodfish Lake
Kikino
Vilna
Smoky Lake
Waskatenau
Andrew
Willingdon
Redwater
Bruderheim
Lamont
Chipman
Fort Saskatchewan
Sherwood Park
Morinville
Legal
Bon Accord
Gibbons
Busby
Pickardville
Barrhead
Westlock
Clyde
Thorhild
Pibroch
Newbrook
Rochester
Boyle
Athabasca
Colinton
Grassland
Plamondon
Fawcett
Smith
Calling Lake
Wabasca-Desmarais
Conklin
Dillon
Buffalo Narrows
Patuanak
Ile-a-la-Crosse
Beauval
Jans Bay
Cole Bay
Dore Lake
Green Lake
Meadow Lake
Makwa
Loon Lake
Chitek Lake
Leoville
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Flaxcombe
Kindersley
Brock
Rosetown
Alsask
Acadia Valley
Empress
Leader
Sceptre
Prelate
Abbey
Cabri
Pennant
Stewart Valley
Kyle
Burstall
Hilda
Richmond
Fox Valley
Hazlet
Waldeck
Swift Current
Webb
Golden Prairie
Schuler
Tompkins
Gull Lake
Maple Creek
Piapot
Shaunavon
Admiral
Murraydale
Eastend
Robsart
Consul
Frontier
Climax
Wild Horse
Coutts
Milk River
Warner
Raymond
Magrath
Stirling
Spring Coulee
Cardston
Del Bonita
Mountain View
Carway
Waterton Park
Coleman
Crowsnest Pass
Blairmore
Lundbreck
Pincher Creek
Cowley
Brocket
Glenwood
Hillspring
Fort Macleod
Stand Off
Coalhurst
Coaldale
Barnwell
Taber
Grassy Lake
Burdett
Bow Island
Seven Persons
Redcliff
Dunmore
Walsh
Medicine Hat
Tilley
Suffield
Rolling Hills
Scandia
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