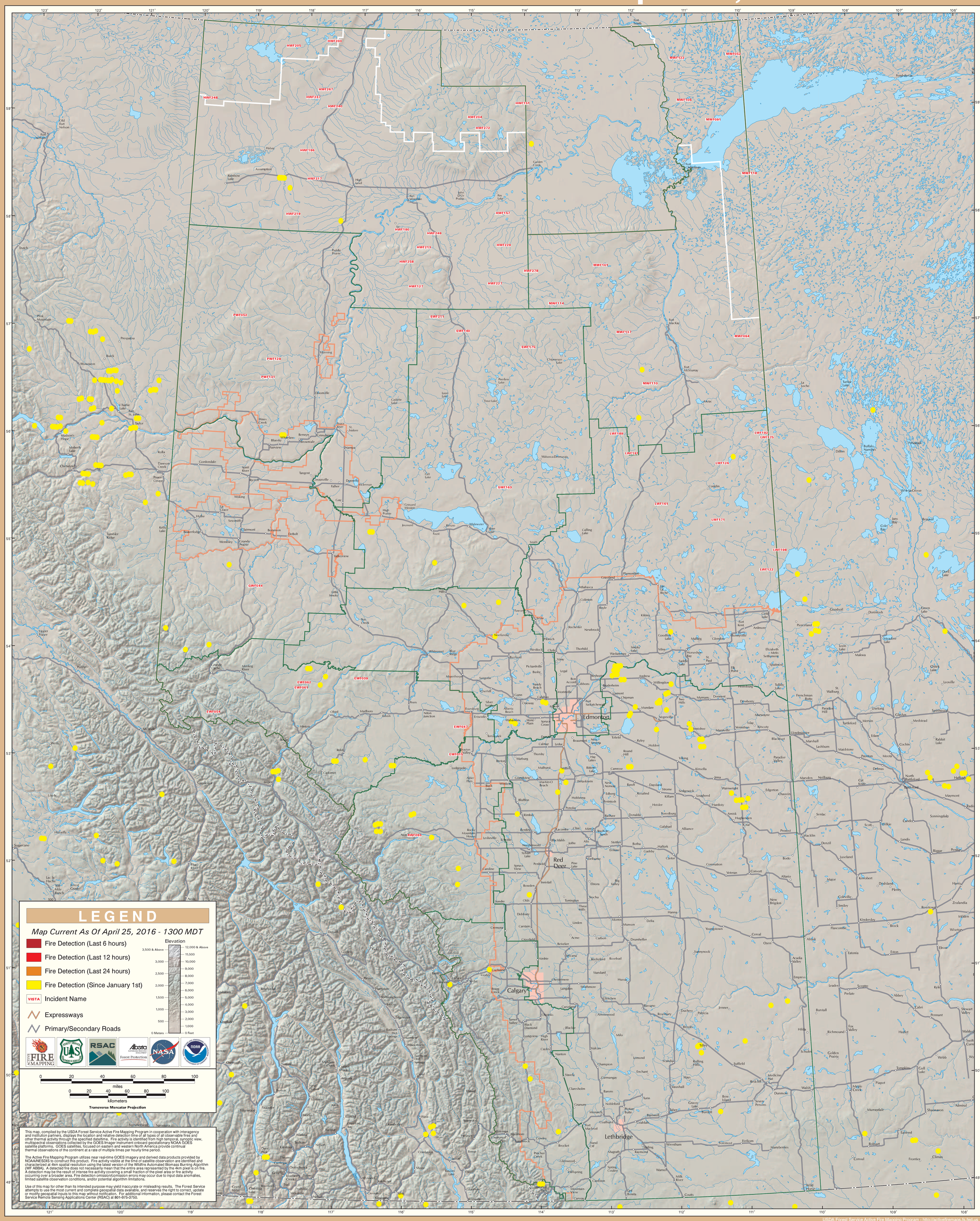
GOES Active Fire Detections - April 25, 2016


LEGEND
Map Current As Of April 25, 2016 - 1300 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
Lac La Biche
Slave Lake
Athabasca
Hinton
Jasper
Banff
Cochrane
Drumheller
Brooks
Lloydminster
Medicine Hat
Fort Saskatchewan
Leduc
Camrose
Wetaskiwin
Ponoka
Stettler
Lacombe
Olds
Innisfail
Sundre
Cardston
Pincher Creek
Claresholm
Vulcan
Taber
Coaldale
Raymond
Stirling
Magrath
Cardston
Milk River
Coutts
Wild Horse
Del Bonita
Waterton Park
Mountain View
Carway
Cranbrook
Kimberley
Fernie
Sparwood
Elkford
Blairmore
Coleman
Crowsnest Pass
Lundbreck
Cowley
Brocket
Fort Macleod
Stand Off
Coalhurst
Nobleford
Picture Butte
Barnwell
Coaldale
Turin
Granum
Monarch
Barons
Nanton
Stavely
Carmangay
Enchant
Champion
Lomond
Scandia
Rolling Hills
Hays
Vauxhall
Taber
Grassy Lake
Burdett
Bow Island
Seven Persons
Redcliffe
Medicine Hat
Dunmore
Walsh
Suffield
Tilley
Schuler
Hilda
Brooks
Rosemary
Duchess
Patricia
Jenner
Bassano
Arrowwood
Milo
Vulcan
Cayley
High River
Black Diamond
Turner Valley
Longview
Okotoks
Blackie
Carseland
Langdon
Chestermere
Strathmore
Gleichen
Bragg Creek
Morley
Exshaw
Canmore
Banff
Airdrie
Irricana
Rockyford
Rosebud
Standard
Hussar
Sunnynook
Drumheller
Munson
Morrin
Delia
Hanna
Youngstown
Cereal
Oyen
Acme
Carbon
Beiseker
Crossfield
Carstairs
Cremona
Didsbury
Linden
Three Hills
Trochu
Torrington
Olds
Bowden
Innisfail
Penhold
Spruce View
Sylvan Lake
Red Deer
Delburne
Pine Lake
Elnora
Big Valley
Caroline
Sundre
Nordegg
Rocky Mountain House
Leslieville
Edson
Hinton
Jasper
Grande Cache
Grande Prairie
Beaverlodge
Valleyview
Fairview
Peace River
Manning
Dixonville
Fort Vermilion
High Level
Rainbow Lake
Assumption
Habay
Fort Nelson
Old Fort Nelson
Fort Simpson
Fort Smith
Fort McMurray
Fort Chipewyan
Fort Kent
Ardmore
Bonnyville
Cold Lake
Elizabeth Metis Settlement
Frenchman Butte
Paradise Hill
St. Walburg
Turtleford
Mervin
Livelong
Glaslyn
Spirit Wood
Medstead
Edam
Cochin
Rabbit Lake
Meota
Paynton
Maidstone
Lashburn
Marshall
Blackfoot
Lloydminster
Vermilion
Islay
Kitscoty
Marwayne
Mannville
Innisfree
Vegreville
Two Hills
Myrnam
Derwent
Dewberry
Heinsburg
Tulliby Lake
Andrew
Willingdon
Mundare
Chipman
Lamont
Bruderheim
Redwater
Gibbons
Bon Accord
Morinville
Fort Saskatchewan
St. Albert
Edmonton
Sherwood Park
Fort Saskatchewan
Beaumont
Nisku
Leduc
Calmar
Thorsby
Warburg
Breton
Mulhurst
Millet
Bittern Lake
Hay Lakes
Camrose
Round Hill
Viking
Kinsella
Irma
Wainwright
Edgerton
Chauvin
Marsden
Neilburg
Cut Knife
Battleford
North Battleford
Maymont
Radisson
Paradise Valley
Delmas
Meadow Lake
Green Lake
Loon Lake
Makwa
Chitek Lake
Leoville
Goodsoil
Dorintosh
Pierceland
Glendon
Mallaig
Goodfish Lake
Smoky Lake
Vilna
Saddle Lake
Horseshoe Bay
St. Paul
Elk Point
Waskatenau
Thorhild
Legal
Vimy
Clyde
Westlock
Pibroch
Rochester
Newbrook
Colinton
Boyle
Kikino
Fawcett
Jarvie
Grassland
Plamondon
Lac La Biche
Athabasca