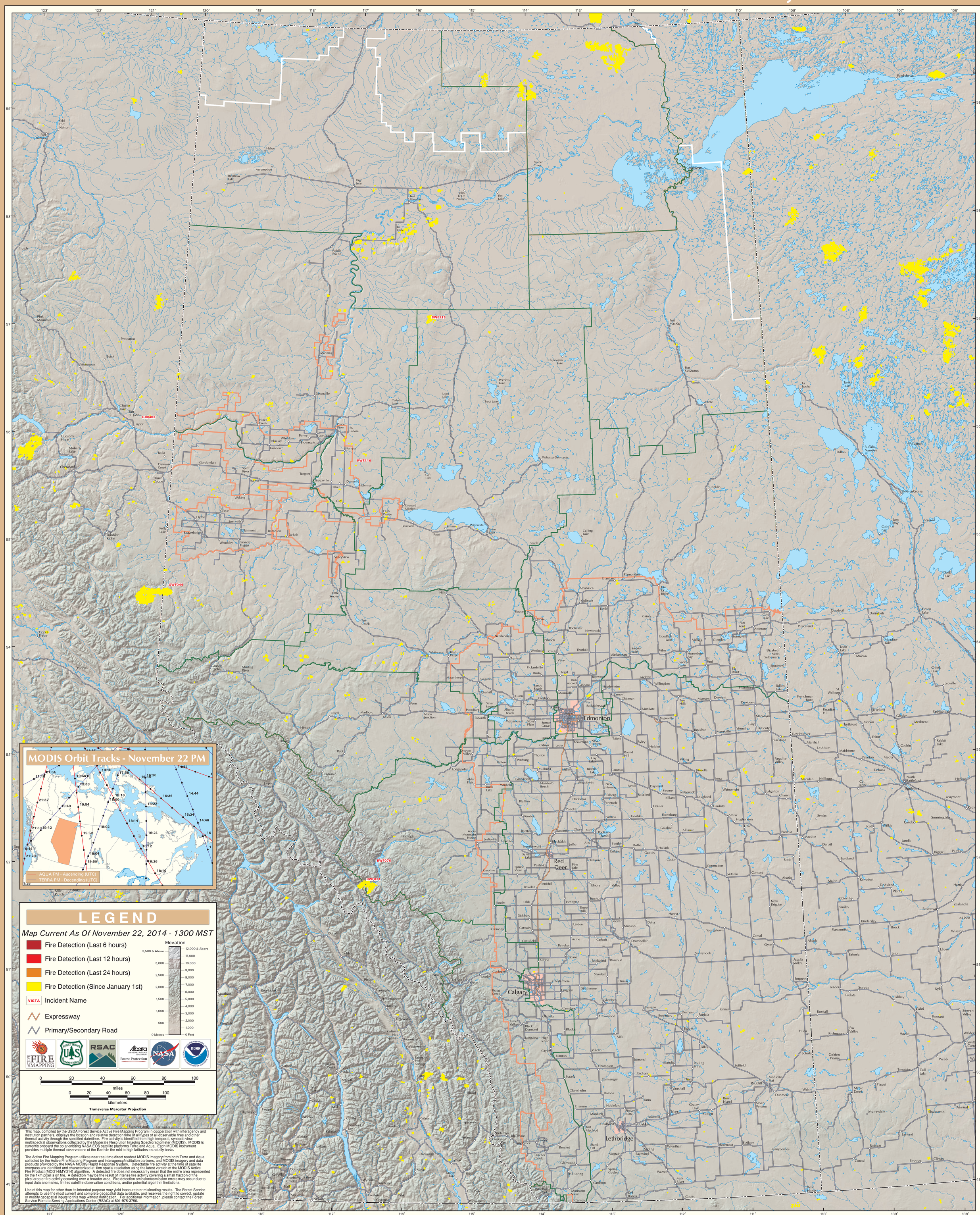
MODIS Active Fire Detections - November 22, 2014


MODIS Orbit Tracks - November 22 PM
AQUA PM - Ascending (UTC)
TERRA PM - Decending (UTC)
LEGEND
Map Current As Of November 22, 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 Chipewyan
Fort McMurray
Fort Smith
Fort Nelson
Grande Prairie
Peace River
Slave Lake
Athabasca
Lac La Biche
Cold Lake
Bonnyville
Vermilion
Lloydminster
Camrose
Drumheller
Medicine Hat
Brooks
Taber
Coleman
Pincher Creek
Cardston
Stettler
Wetaskiwin
Leduc
Spruce Grove
St. Albert
Fort Saskatchewan
Sherwood Park
Beaumont
Leslieville
Edson
Hinton
Jasper
Banff
Canmore
Cochrane
Okotoks
Chestermere
Airdrie
Strathmore
Lethbridge
Medicine Hat
Cranbrook
Kimberley
Fernie
Trail
Nelson
Castlegar
Revelstoke
Golden
Invermere
Radium Hot Springs
Fairmont Hot Springs
Elkford
Sparwood
Blairmore
Coleman
Crowsnest Pass
Pincher Creek
Cardston
Milk River
Coutts
Del Bonita
Wild Horse
Manyberries
Consul
Robsart
Eastend
Frontier
Climax
Bow Island
Foremost
Etzikom
Warner
Raymond
Magrath
Stand Off
Fort Macleod
Claresholm
Nanton
Vulcan
Taber
Vauxhall
Brooks
Tilley
Rosemary
Duchess
Patricia
Jenner
Bassano
Carseland
Langdon
Chestermere
Strathmore
Gleichen
Arrowwood
Blackie
Milo
Lomond
Scandia
Enchant
Hays
Rolling Hills
Suffield
Redcliff
Dunmore
Walsh
Tompkins
Gull Lake
Webb
Piapot
Maple Creek
Murraydale
Shaunavon
Admiral
Eastend
Robsart
Consul
Frontier
Climax
Wild Horse
Manyberries
Foremost
Etzikom
Wrentham
Milk River
Warner
Coutts
Del Bonta
Cardston
Mountain View
Carway
Glenwood
Hillspring
Spring Coulee
Magrath
Raymond
Stand Off
Fort Macleod
Coleman
Blairmore
Crowsnest Pass
Pincher Creek
Cardston
Milk River
Coutts
Del Bonta