MODIS Active Fire Detections - August 25, 2014

Alberta

HWF219
MWF051
MWF094
SWF113
LWF116
LWF117
GBF048
GWF044
BWF034
GBF048

Edmonton
Calgary
Red Deer
Lethbridge
Fort McMurray
Grande Prairie
Peace River
Fort Nelson
Hinton
Jasper
Banff
Cochrane
Canmore
Drumheller
Wainwright
Vermilion
Lloydminster
Medicine Hat
Brooks
Taber
Coaldale
Fort Macleod
Claresholm
Stavely
Vulcan
Strathmore
Chestermere
Airdrie
Okotoks
High River
Turner Valley
Black Diamond
Longview
Crossfield
Olds
Sundre
Innisfail
Bowden
Didsbury
Three Hills
Torrington
Trochu
Linden
Carstairs
Cremona
Acme
Carbon
Beiseker
Irricana
Rockyford
Rosebud
Standard
Gleichen
Carseland
Bassano
Duchess
Patricia
Rosemary
Arrowwood
Milo
Tilley
Scandia
Rolling Hills
Enchant
Champion
Hays
Vauxhall
Barons
Turin
Picture Butte
Nobleford
Monarch
Barnwell
Grassy Lake
Burdett
Bow Island
Foremost
Etzikom
Wrentham
Magrath
Raymond
Stirling
Coutts
Milk River
Warner
Cardston
Spring Coulee
Hillspring
Mountain View
Waterton Park
Del Bonita
Carway
Frontier
Climax
Consul
Robsart
Eastend
Admiral
Shaunavon
Maple Creek
Piapot
Walsh
Dunmore
Redcliff
Tompkins
Gull Lake
Webb
Golden Prairie
Schuler
Hilda
Richmond
Fox Valley
Hazlet
Swift Current
Wymark
Waldeck
Burstall
Cabri
Stewart Valley
Pennant
Leader
Sceptre
Prelate
Abbey
Kyle
Empress
Acadia Valley
Sunnynook
Oyen
Cereal
Youngstown
Hanna
Delia
Morrin
Munson
Three Hills
Torrington
Trochu
Linden
Carstairs
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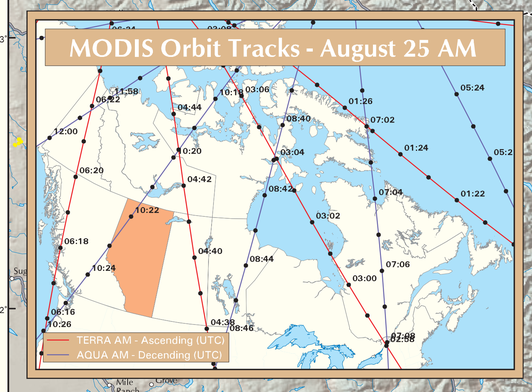
MODIS Orbit Tracks - August 25 AM



LEGEND

Map Current As Of August 25, 2014 - 0300 MDT

- 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

Meters	Feet
3,500 & Above	12,000 & Above
3,000	11,000
2,500	10,000
2,000	9,000
1,500	8,000
1,000	7,000
500	6,000
0 Meters	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.