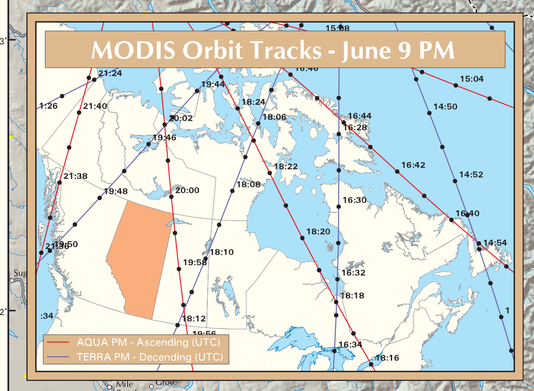
MODIS Active Fire Detections - June 9, 2015

Alberta

HWF111
HWF151
HWF157
HWF132
HWF127
PWF052
SWF066
LWF126
LWF122
EWF039
EWF054
EWF015

Edmonton
Calgary
Red Deer
Lethbridge
Fort McMurray
Grande Prairie
Peace River
Hinton
Jasper
Fort Nelson
High Level
Rainbow Lake
Fort Vermilion
La Crete
Paddle Prairie
Manning
Dixonville
Hines Creek
Fairview
Dawson Creek
Chetwynd
Hudson's Hope
Fort St. John
Taylor
Tumbler Ridge
Beaverlodge
Wembley
Valleyview
Whitecourt
Edson
Hinton
Jasper
Slave Lake
Lesser Slave Lake
Athabasca
Wabasca-Desmarais
Peerless Lake
Trout Lake
Chipewyan Lake
Loon Lake
Cadotte Lake
Gift Lake
Calling Lake
Conklin
Janvier
Chard
Anzac
Fort McKay
Fort Chipewyan
Fort Smith
Wood Buffalo National Park
Caribou Mountains Wildland Park
Peace Wapiti Public Land Use Zone
Kakwa Wildland Park
Willmore Wilderness Park
Rocky Mountain House National Historic Site
Dinosaur Provincial Park
Writing-on-Stone Provincial Park
Cypress Hills Interprovincial Park
Waterton Lakes National Park
Banff National Park
Jasper National Park
Kootenay National Park
Yoho National Park
Elk Island National Park
Buffalo National Park
Wood Buffalo National Park



LEGEND

Map Current As Of June 9, 2015 - 1500 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.