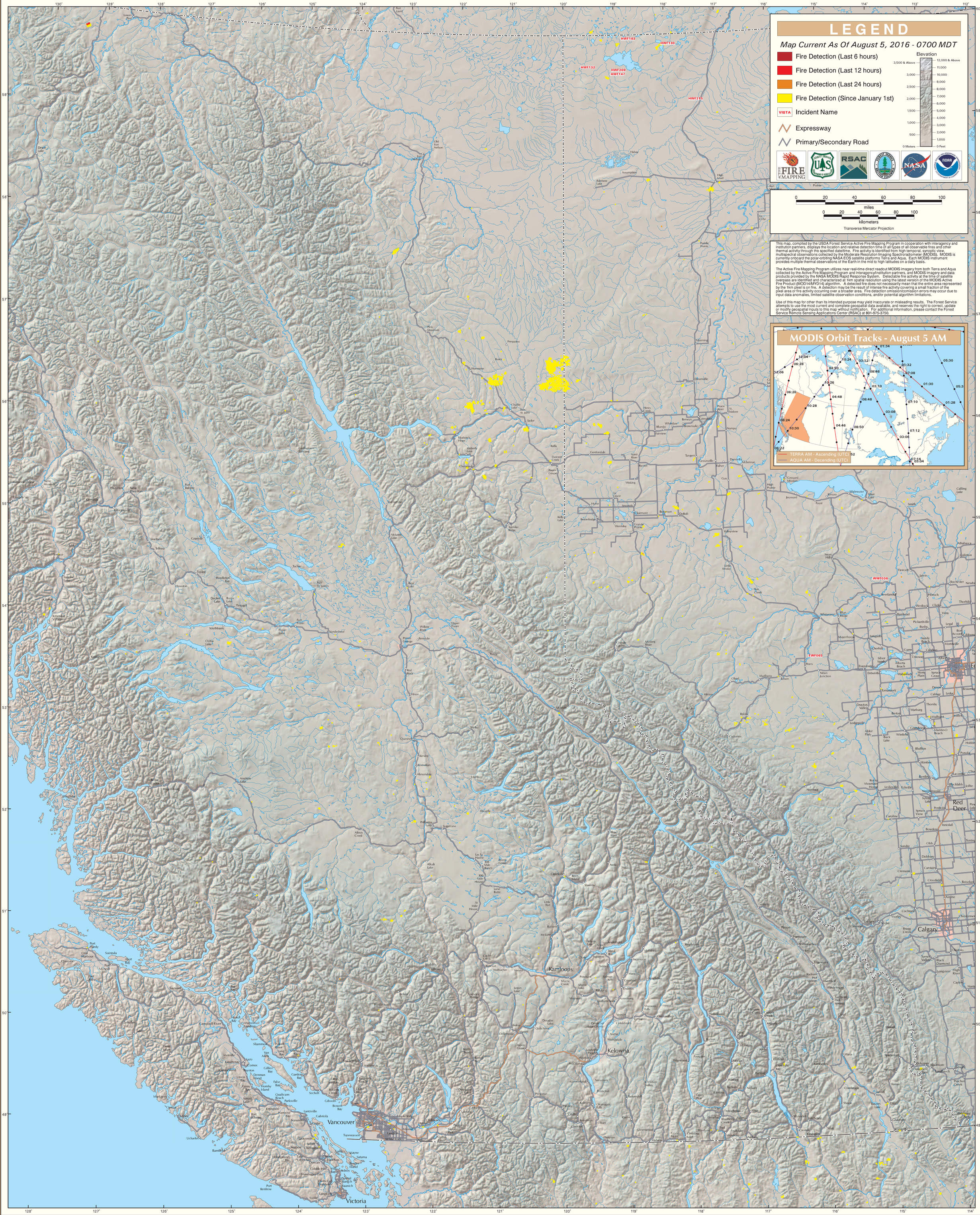
MODIS Active Fire Detections - August 5, 2016


British Columbia (East)
LEGEND
Map Current As Of August 5, 2016 - 0700 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
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
ACTIVE FIRE MAPPING
FOREST SERVICE
RSAC
NASA
NOAA
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.
MODIS Orbit Tracks - August 5 AM
TERRA AM - Ascending (UTC)
AQUA AM - Decending (UTC)
HWF193
HWF130
HWF132
HWF209
HWF147
HWF215
WWF036
EWF065
Kamloops
Kelowna
Vancouver
Victoria
Calgary
Red Deer
Edmonton
Fort Nelson
Fort St John
Dawson Creek
Prince George
Williams Lake
Kitimat
Terrace
Smithers
Prince Rupert
Port Hardy
Tofino
Nelson
Trail
Cranbrook
Revelstoke
Golden
Banff
Jasper
Hinton
Grande Prairie
Peace River
Fort McMurray
Lac La Biche
Slave Lake
Athabasca
Lloydminster
Vermilion
Lac La Ronge
Flin Flon
Thompson
Churchill
Fort Simpson
Fort Liard
Fort Smith
Yellowknife
Inuvik
Tuktoyaktuk
Cambridge Bay
Iqaluit
Kangiqsujuaq
Kangiqsualujjuaq
Kuujjuaq
Nuuk
Ilulissat
Qaanaaq
Alert
Eureka
Resolute
Pond Inlet
Clyde River
Pangnirtung
Cape Dyer
Cape Dorset
Kugluktuk
Gjoa Haven
Taloyoakt
Rankin Inlet
Arctic Bay
Qikiqtarjuaq
Kimmirut
Iqaluit
Nanisivik
Grise Fiord
Ittoqqortoormiit
Tasiilaq
Ittoqqortoormiit
Aklavik
Tuktoyaktuk
Sachs Harbour
Ulukhaktok
Paulatuk
Cambridge Bay