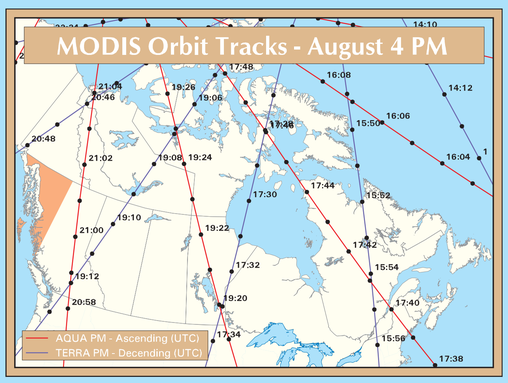
MODIS Active Fire Detections - August 4, 2010

British Columbia (West)

R90093
G9036
G9027
R90035
G80210
R90044
R90052
R90039
R30115
R50113
G40151
G40331
R20105
R10112
G40336
C10112
C50096
C50247
C50231
V70627
G60360
G8022
G6027
G60209
G6028
G8015
G1020
G1025

Prince George
Dease Lake
Telegraph Creek
Stewart
Watson Lake
Upper Liard
Lower Liard
Rancheria
Cassiar
Old Fort Nelson
Fort Nelson
Muncho Lake
Liard River
Fort Nelson
Trutch
Fort Ware
Germansen Landing
Fort Babine
Kispiox
New Hazelton
Hazelton
New Aiyansh
Kitwanga
Kitwanga
Gitanyow
Gitanmaax
Granisle
Smithers
Telkwa
Tachie
Fort St. James
Topley
Houston
Pendleton Bay
Burns Lake
Decker Lake
Tintagel
Fort Fraser
Vanderhoof
Fraser Lake
Southbank
Ootsa Lake
Kemano
Kitimat
Kitimat Village
Lax Kw'alaams
Prince Rupert
Port Edward
Terrace
Lakelse Lake
Masset
Port Clements
Tlell
Queen Charlotte City
Skidegate
Sandspit
Anahim Lake
Bella Coola
Hagensborg
Wuikinuxv
Port Hardy
Port McNeill
Quatsino
Port Alice
Alert Bay
Sointula
Goal Harbour
Sayward
Campbell River
Zeballos
Sliammon
Powell River
Lang Bay
Van Anda
Merville
Courtenay
Comox
Gillies Bay
Royston
Denman Island
Hornby Island
Cumberland
Union Bay
Fanny Bay
Qualicum Beach
Parksville
Special Lake
Errington
Port Alberni
Qualicum
Ucluelet
Bamfield
Port Renfrew

MODIS Orbit Tracks - August 4 PM



LEGEND

Map Current As Of August 4, 2010 - 1900 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

ACTIVE FIRE MAPPING · FOREST SERVICE USDA · RSAC · FOREST SERVICE BRITISH COLUMBIA · 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.