MODIS Active Fire Detections - November 5, 2010

British Columbia (West)

R90093
R90236
R90104
R90035
R90044
R90052
R90039
G60271
G50561
R40239
R10100
G40151
G40336
C10299
R10243
G40402
C10373
G40353
C50287
C50286
C50327
C50096
C50285
C50340
VA0055
C50297
C50300

Cassiar
Jade
Stewart
Ranchers
Upper Liard
Watson Lake
Lower Post
Old Fort Nelson
Fort Nelson
Dease Lake
Telegraph Creek
Stewart
Fort Babine
Kispiox
Hazelton
New Hazelton
New Aiyansh
Kitwanga
Kitwancool
Gitanyow
Kitwanga
Granisle
Smithers
Telkwa
Tachie
Fort St. James
Topley
Houston
Peaceton Bay
Decker Lake
Burns 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
Germansen Landing
Anahim Lake
Bella Coola
Hagensborg
Woss Lake
Port Hardy
Coal Harbour
Quatsino
Port Alice
Port McNeill
Sointula
Alert Bay
Sayward
Campbell River
Zeballos
Gold River
Merville
Courtenay
Comox
Gillies Bay
Royston
Denman Island
Cumberland
Union Bay
Fanny Bay
Hornby Island
False Bay
Qualicum Beach
Parksville
Errington
Port Alberni
Qualicum
Ucluelet
Bamfield
Port Renfrew

MODIS Orbit Tracks - November 5 AM

TERRA AM - Ascending (UTC)
AQUA AM - Decending (UTC)

LEGEND

Map Current As Of November 5, 2010 - 0700 MDT

- Fire Detection (Last 6 hours)
- Fire Detection (Last 12 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.