MODIS Active Fire Detections - August 13, 2010

British Columbia (West)

R90093
G90360
G90270
R90035
G80210
R90044
R90052
R90039
R30115
R50113
R20105
G40151
G40331
R10112
G40336
C10207
C10172
C10208
C10228
C10112
G40339
G40380
G40353
C50096
C50247
C50231
V70627
G80150
G80220
G60360
G60208
G60280
G10200
G10250
C10112

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

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

MODIS Orbit Tracks - August 13 PM

LEGEND

Map Current As Of August 13, 2010 - 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.