MODIS Active Fire Detections - November 1, 2010

British Columbia (East)

LEGEND

Map Current As Of November 1, 2010 - 0300 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
	10,000
2,500	9,000
	8,000
2,000	7,000
	6,000
1,500	5,000
	4,000
1,000	3,000
500	2,000
	1,000
0 Meters	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.

R90093 R90236 R90104 R90052 R90039 G80643 G80637 G80654 G80636 G80084 G60278 G50561 R40239 G70528 R10100 G40151 R10243 G40336 C10299 C10205 C50287 C50286 C50327 C50096 C50285 G40402 G40353 C10373 C10258 C10298 C10320 VA0955 C50340 C50297 C10218 C10199 C50300 C30319 C10221 C10191 C10310 C50186 C20269 C20263 C20270 C20266 C20200 C20313 C20201 C20396 C20188 C30231 C30408 C50183 C50120 C50234 C20260 C20243 C40328 C40410 V50745 N60672 K50271

Vancouver Victoria Calgary Red Deer Kamloops Kelowna

USDA Forest Service Active Fire Mapping Program - http://activefiremaps.fs.fed.us