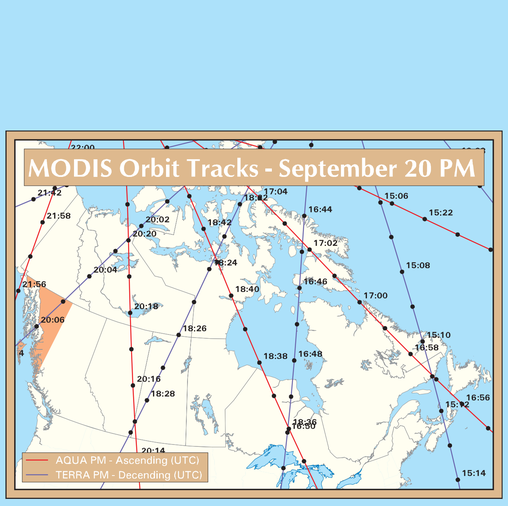
MODIS Active Fire Detections - September 20, 2010

British Columbia (West)

MODIS Orbit Tracks - September 20 PM



LEGEND

Map Current As Of September 20, 2010 - 1700 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.

R90093 R90236 R90104 R90035 G60210 R90044 R90052 R90039 G60413 G60360 G60227 G60209 G60228 G50561 R40239 R40197 R30212 R50234 R30115 R30257 R20227 R20214 R20242 R20148 R20165 G40151 R10100 G40336 R10103 C10299 R10221 R10243 R10134 G40402 R10241 C10373 C50287 C50286 C50327 G40353 C50096 C50285 C50340 VA0955 C50297 C50300 V60685

Cassiar, Iskut, Stewart, Telegraph Creek, Dease Lake, Watson Lake, Upper Liard, Lower Post, Ranchero, Old Fort Nelson, Fort Nelson, Toad River, Muncho Lake, Germansen Landing, Fort Ware, Fort St. James, Fort Babine, Hazelton, New Hazelton, Kispiox, Kitwanga, Kitwanga, New Aiyansh, Gitwinksihlkw, Gitanyow, Lax Kw'alaams, Prince Rupert, Port Edward, Masset, Port Clements, Tlell, Queen Charlotte City, Skidegate, Sandspit, Kitkatla, Klemtu, Klemtu Village, Kemano, Kitimat, Terrace, Lakelse Lake, Smithers, Telkwa, Granisle, Topley, Houston, Burns Lake, Decker Lake, Tintagel, Pendleton Bay, Tachie, Fraser Lake, Fort Fraser, Vanderhoof, Southbank, Ootsa Lake, Anahim Lake, Bella Coola, Hagensborg, Nazko, Quesnel, Williams Lake, 100 Mile House, Lillooet, Pemberton, Whistler, Squamish, Port Hardy, Sointula, Alert Bay, Coal Harbour, Quatsino, Port Alice, Port McNeill, Sayward, Bear Cove, Horton Bay, Mansons Landing, Lund, Campbell River, Sliammon, Powell River, Lang Bay, Van Anda, Zeballos, Gold River, Merville, Courtenay, Comox, Lazo, Royston, Denman Island, Gillies Bay, Cumberland, Union Bay, Fanny Bay, Hornby Island, False Bay, Qualicum Beach, Parksville, Errington, Port Alberni, Coombs, Nanaimo, Ucluelet, Bamfield, Port Renfrew