# GOES Active Fire Detections - June 21, 2014

## Northern Ontario

### LEGEND

*Map Current As Of June 21, 2014 - 0700 MDT*

- Fire Detection (Last 6 hours)
- Fire Detection (Last 12 hours)
- Fire Detection (Last 24 hours)
- Fire Detection (Since January 1st)
- VISTA Incident Name
- Expressways
- Primary/Secondary Roads

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

**Albers Equal-Area 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 datetime. Fire activity is identified from high temporal, synoptic view, multispectral observations collected by the GOES Imager instrument onboard geostationary NOAA GOES satellite platforms. GOES satellites, focused on eastern and western North America provide continual thermal observations of the continent at a rate of multiple times per hourly time period.

The Active Fire Mapping Program utilizes near real-time GOES imagery and derived data products provided by NOAA/NESDIS to construct this product. Fire activity visible at the time of satellite observation are identified and characterized at 4km spatial resolution using the latest version of the Wildfire Automated Biomass Burning Algorithm (WF ABBA). A detected fire does not necessarily mean that the entire area represented by the 4km 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.

97° 96° 95° 94° 93° 92° 91° 90° 89° 88° 87° 86° 85° 84° 83° 82° 81° 80° 79° 78°

56° 55° 54° 53° 52° 51° 50° 49° 48°

Gillam, Shamattawa, Fort Severn, Pikwitonei, Split Lake, York Landing, Oxford House, Gods River, Gods Lake, Gods Lake Narrows, Red Sucker Lake, Thompson, Garden Hill, Sachigo, Bearskin Lake, Kitchenuhmaykoosib, Muskrat Dam, Kasabonika, Sandy Lake, Deer Lake, North Spirit Lake, Pauingassi, Poplar Hill, Little Grand Rapids, Pikangikum, Cat Lake, Pickle Lake, Fort Hope, Osnaburgh House, Bissett, Pinawa, Whitedog, Grassy Narrows, Whitemouth, Elma, Wanaki, Reddit, Hadashville, Vermilion Bay, Red Lake Road, Hudson, Sioux Lookout, Dryden, Wabigoon, Falcon Lake, East Braintree, Sioux Lake, Whitefish Bay, Ignace, Snow Lake, Nestor Falls, Sprague, Rainy River, Stratton, Emo, Fort Frances, Devlin, Atikokan, Seine River Village, Shebandowan, Kashabowie, Kaministiquia, Upsala, Kakabeka Falls, Thunder Bay, Hymers, Faith, Hearst, Mattice, Opasatika, Val Rita, Harty, Kapuskasing, Moonbeam, Fauquier, Smooth Rock Falls, Jogues, Calstock, Longlac, Geraldton, Caramat, Jellicoe, Beardmore, Macdiarmid, Nipigon, Red Rock, Hurkett, Rossport, Schreiber, Terrace Bay, Marathon, Heron Bay, Hemlo, White River, Hillsport, Nakina, Armstrong, Lake Nipigon, Prawanick, Attawapiskat, Fort Albany, Waskaganish, Moosonee, Moose Factory, Timmins, South Porcupine, Matheson, Cochrane, Normetal, Villebois, Val-Paradis, Beaucastor, Dupuy, Malartic, La Reine, La Sarre, Iroquois Falls, Normétacha, Duparquet, Rouyn, Kirkland Lake, Virginiatown, Larder Lake, Matachewan, Englehart, Charlton, Earlton, Elk Lake, Temiskaming Shores, Nedelec, Rémigny, Notre-Dame-du-Nord, Foleyet, Dubreuilville, Missanabie, Hawk Junction, Wawa, Michipicoten River, Chapleau

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