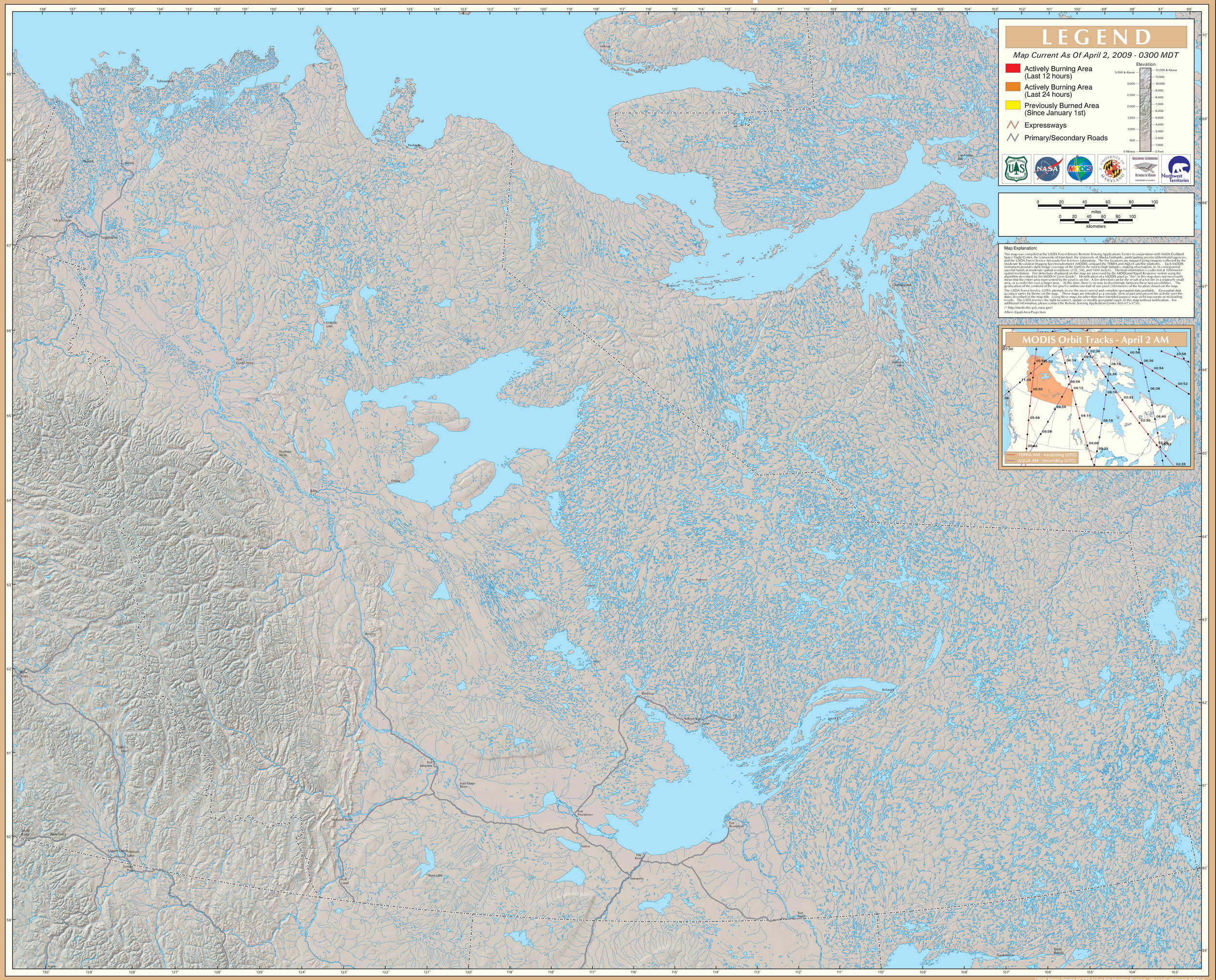
MODIS Active Fire Detections - April 2, 2009


LEGEND
Map Current As Of April 2, 2009 - 0300 MDT
Actively Burning Area (Last 12 hours)
Actively Burning Area (Last 24 hours)
Previously Burned Area (Since January 1st)
Expressways
Primary/Secondary Roads
Elevation
3,500 & Above
3,000
2,500
2,000
1,500
1,000
500
0 Meters
12,000 & Above
11,000
10,000
9,000
8,000
7,000
6,000
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
Map Explanation:
This map was compiled at the USDA Forest Service Remote Sensing Applications Center in cooperation with NASA Goddard Space Flight Center, the University of Maryland, the University of Alaska Fairbanks, participating provincial/territorial agencies, and the USDA Forest Service Missoula Fire Sciences Laboratory. The fire locations are mapped using imagery collected by the Moderate Resolution Imaging Spectroradiometer (MODIS) onboard the TERRA and AQUA satellite platforms. Each MODIS instrument provides daily image coverage of the Earth in the mid to high latitudes, making observations in 36 co-registered spectral bands at moderate spatial resolutions (250, 500, and 1000 meters). Thermal information is collected at 1000-meter spatial resolution. Fire detections displayed on this map are processed by the MODIand Rapid Response system using the algorithm described by the MOD14 User's Guide(*). Identification of a MODIS pixel as "fire" in this map does not necessarily mean that the area represents a fire per se(*). Many factors can affect the detection of a fire in a relatively small area, such as cloud cover, smoke, and the time of day. In addition, at any time, there is variable delay between the detection and the geolocation of the centroid of the fire pixel is within one-half of one pixel (500-meters) of the location shown on the map.
The USDA Forest Service (USFS) attempts to use the most current and complete geospatial data available. Geospatial data accuracy varies by theme on the map. These maps are intended as a synoptic view of past and present fire activity over the dates specified in the map title. Using these maps for other than their intended purpose may yield inaccurate or misleading results. The USFS reserves the right to correct, update or modify geospatial inputs to this map without notification. For additional information, please contact the Remote Sensing Application Center (801-975-3750).
(*) http://modis-fire.gsfc.nasa.gov/
Albers Equal-Area Projection.
MODIS Orbit Tracks - April 2 AM
TERRA AM - Ascending (UTC)
AQUA AM - Decending (UTC)
Tuktoyaktuk
Inuvik
Aklavik
Fort McPherson
Tsiigehtchic
Paulatuk
Colville Lake
Fort Good Hope
Norman Wells
Délinie
Tulita
Wrigley
Fort Simpson
Jean Marie River
Nahanni Butte
Fort Providence
Kakisa
Hay River
Enterprise
Trout Lake
Fort Liard
Fort Resolution
Fort Smith
Rae-Edzo
Yellowknife
Dettah
Lutselk'e
Reliance
Kugluktuk
Cambridge Bay
Ulukhaktok
Sachs Harbour
Paulatuk
Tuktoyaktuk
Inuvik
Aklavik
Fort McPherson
Tsiigehtchie