MODIS Active Fire Detections - February 14, 2013

Eastern United States

Bismark
Fargo
Duluth
Minneapolis
Sioux Falls
Omaha
Des Moines
Milwaukee
Chicago
Detroit
Rochester
Buffalo
Boston
Cleveland
New York City
Philadelphia
Pittsburgh
Baltimore
Columbus
Washington DC
Indianapolis
Cincinnati
Charleston
Richmond
Kansas City
St. Louis
Louisville
Raleigh
Witchita
Nashville
Knoxville
Charlotte
Tulsa
Oklahoma City
Chattanooga
Memphis
Little Rock
Columbia
Atlanta
Birmingham
Dallas-Ft. Worth
Jackson
Jacksonville
Baton Rouge
New Orleans
CHECK STATION ROAD FIRE
Houston
San Antonio
Tampa-St. Petersburg
Miami

MODIS Orbit Tracks - February 14 AM

09:16
05:08
09:18
05:06
09:20
05:04
09:22
:02
03:30
07:38
03:28
07:40
03:26
07:42
03:24
07:44

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

LEGEND

Map Current As Of February 14, 2013 - 0300 MST

- Fire Detection (Last 6 hours)
- Fire Detection (Last 12 hours)
- Fire Detection (Last 24 hours)
- Fire Detection (Since January 1st)
- VISTA Incident Name
- Interstate Highway

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 50 100 150 200 250 miles

0 50 100 150 200 250 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 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.