GOES Active Fire Detections - December 17, 2014

Eastern Geographic Area (Northern Midwest)

LEGEND

Map Current As Of December 17, 2014 - 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
- U. S. 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 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°

49° 48° 47° 46° 45° 44° 43° 42°

Pembina Hallock Roseau Warren Thief River Falls Grand Forks Red Lake Falls Crookston Fertile Hillsboro Ada Mahnomen Bemidji Cass Lake Twin Valley Fargo West Fargo Hawley Detroit Lakes Park Rapids Frazee Barnesville Menahga Perham New York Mills Wadena Fergus Falls Henning Staples Wahpeton Hankinson Parkers Prairie Eagle Bend Elbow Lake Wheaton Alexandria Long Prairie Little Falls Browns Valley Glenwood Starbuck Graceville Morris Sauk Centre Melrose Milaca Foley Braham Saint Cloud Sauk Rapids Princeton Cambridge Ortonville Benson Paynesville Cold Spring Big Lake Elk River Millbank Appleton Maple Lake Anoka Coon Rapids Forest Lake Madison Dawson Montevideo Litchfield Buffalo Howard Lake Minneapolis-St. Paul Winsted Wilmar Stillwater Hudson White Bear Lake Clear Lake Granite Falls Hutchinson Clarkfield Rosville Olivia Bird Island Hector Glencoe Waconia Chaska Shakopee Eagan Saint Paul Park Cannby Cottonwood Redwood Falls Belle Plaine Apple Valley Hastings Farmington Fairfax Winthrop Arlington Gaylord New Prague Cannon Falls Red Wing Marshall Lonsdale Northfield Montgomery Le Sueur Le Center Tyler New Ulm Saint Peter Tracy Lamberton Sleepy Eye Springfield Comfrey Lake Crystal Mankato Waterville Janesville Waseca Owatonna Flandreau Pipestone Slayton Madelia Saint James Edgerton Fulda Mountain Lake Mapleton New Richland Blooming Prairie Heron Lake Windom Truman Trimont Winnebago Luverne Adrian Lakefield Wells Sioux Falls Worthington Jackson Sherburn Fairmont Blue Earth Albert Lea Austin Rock Rapids Lake Park Sibley George Canton Inwood Doon Rock Valley Ocheyedan Okoboji Milford Estherville Lake Mills Buffalo Center Graettinger Sheldon Hartley Spencer Sioux Center Orange City Hawarden Primghar Paullina Akron Le Mars Marcus Cherokee Alta Storm Lake Newell Fonda Pocahontas Gilmore City Dakota City Clarion Eagle Grove Dows Sac City Holstein Ida Grove Odebolt Wall Lake Lake City Sioux City Fort Dodge Webster City Rockwell City Manson Hampton Iowa Falls Ackley Bancroft Onawa Decatur Carroll Grand Junction Boone Ames Nevada State Center Marshalltown Toledo Tama Gowrie Jefferson Denison Manning Oakland Dunlap Tekamah Woodbine Coon Rapids Bayard Perry Madrid Harlan Audubon Guthrie Center Panora Adel Des Moines Grimes Newton Missouri Valley Blair Fremont Omaha Council Bluffs Oakland Atlantic Anita Avoca Stuart West Des Moines Indianola Winterset Fontanelle Knoxville Sigourney Keota Oskaloosa Pella Monroe Grinnell Brooklyn Montezuma Williamsburg Iowa City Kalona West Liberty Muscatine Davenport Moline Geneseo Cambridge Princeton Rice Lake Big Lake Elk River Anoka Coon Rapids Forest Lake White Bear Lake Stillwater Hudson Saint Paul Park Hastings Farmington Cannon Falls Red Wing Lonsdale Northfield Montgomery Le Sueur Le Center Lake City Waterville Janesville Waseca Owatonna Faribault Cochrane Winona Rochester Saint Charles New Richland Blooming Prairie Stewartville Chatfield Rushford La Crescent La Crosse Onalaska Sparta Tomah Mauston Eleva Hillsboro Wonewoc Westby Viroqua Wauzeka Reedsburg Wisconsin Dells Portage Baraboo Richland Center Lodi Sauk City Mazomanie Prairie du Chien Boscobel Muscoda Platteville Lancaster Mineral Point Dodgeville Oregon Madison Stoughton Edgerton Fort Atkinson Jefferson Watertown Oconomowoc Sussex Milwaukee Waukesha Mukwonago Whitewater Big Bend Wind Point Racine Kenosha Zion Waukegan Chicago Elgin Aurora Naperville Joliet Romeoville Lemont Chicago Heights Crown Point Gary Hammond Whiting Michigan City La Porte Valparaiso Wheeler Chesterton Hobart Merrillville Schererville Munster Dyer Lowell Griffith Highland Hebron Kouts Wanatah Westville Valparaiso Wheeler Chesterton La Porte South Bend Mishawaka Elkhart Goshen Nappanee Bremen Plymouth Bourbon Lagrange Angola Montpelier Bryan Archbold Wauseon Toledo Oregon Sandusky Bowling Green Fremont Clyde Bellevue Green Springs Fostoria Deshler North Baltimore Defiance Napoleon Archbold Wauseon Bryan Montpelier Angola Lagrange Elkhart Middlebury Shipshewana Topeka Howe Orland Park Tinley Park Frankfort New Lenox Mokena Homer Glen Lockport Romeoville Joliet Shorewood Yorkville Oswego Sandwich Somonauk Mendota Walnut Princeton Bureau Ladd Mendota Sheffield Tiskilwa Princeton Bureau Ladd Mendota Walnut Sandwich Somonauk Yorkville Oswego Shorewood Joliet Romeoville Lemont Homer Glen Lockport New Lenox Mokena Tinley Park Orland Park Frankfort Hickory Hills Oak Lawn Evergreen Park Chicago Heights Crown Point Gary Hammond Whiting Michigan City