GOES Active Fire Detections - December 12, 2014

Eastern Geographic Area (Northern Midwest)

LEGEND

Map Current As Of December 12, 2014 - 0300 MST

- Fire Detection (Last 6 hours)
- Fire Detection (Last 12 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 Wahpeton Staples Henning Hankinson Parkers Prairie Eagle Bend Elbow Lake Wheaton Alexandria Long Prairie Little Falls Browns Valley Glenwood Starbuck Morris Graceville Sauk Centre Melrose Milaca Foley Saint Cloud Sauk Rapids Princeton Cambridge Braham Ortonville Benson Paynesville Cold Spring Big Lake Elk River Millbank Appleton Maple Lake Anoka Coon Rapids Forest Lake Madison Dawson Montevideo Wilmar Buffalo Howard Lake Winsted Minneapolis-St. Paul White Bear Lake Clear Lake Granite Falls Hutchinson Stillwater Hudson Clarkfield Canby Renville Olivia Bird Island Hector Glencoe Waconia Chaska Saint Paul Park Cottonwood Redwood Falls Shakopee Eagan Apple Valley Hastings Belle Plaine 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 Madelia Saint James Mountain Lake Slayton Edgerton Fulda Windom Heron Lake Mapleton New Richland Blooming Prairie 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 Pocahontas Gilmore City Dakota City Clarion Eagle Grove Alta Storm Lake Newell Fonda Sioux City Holstein Ida Grove Sac City Webster City Fort Dodge Odebolt Wall Lake Lake City Rockwell City Bancroft Onawa Decatur Oakland Tekamah Dunlap Woodbine Denison Manning Jefferson Grand Junction Boone Ames Nevada State Center Marshalltown Toledo Tama Coon Rapids Bayard Carroll Audubon Harlan Missouri Valley Blair Fremont Omaha Council Bluffs Oakland Atlantic Anita Guthrie Center Panora Adel Des Moines Grinnell Newton Colfax West Des Moines Indianola Winterset Fontanelle Knoxville Sigourney Keota Oskaloosa Monroe Pella What Cheer Wellman Montezuma Brooklyn Williamsburg Iowa City West Liberty Muscatine Davenport Moline Geneseo Kalona Mount Carroll Savanna Lanark Milledgeville Polo Mount Morris Oregon Rochelle Sterling Dixon Ashton Amboy Mendota Ottawa Somonauk Yorkville Romeoville Joliet Shorewood Plainfield Aurora Elgin Saint Charles Elburn De Kalb Sycamore Hinckley Big Rock Cortland Sandwich Waterman Malta Kirkland Genoa Cedar Rapids Marion Mechanicsville Belle Plaine Marengo Clinton Fulton De Witt Tipton Durant Calamus Wheatland Camanche Clinton Fulton Princeton Bellevue Sabula Savanna Thomson Fulton Morrison Prophetstown Tampico Erie Walnut Lyndon Prairie du Chien Monona Postville Waukon Decorah Cresco Saint Ansgar Osage Mason City Nora Springs Rockford Charles City New Hampton Chickasaw Floyd Charles City Oelwein Strawberry Point Elkader Clayton Garnavillo Guttenberg Clermont Monona Farley Dubuque Asbury Peosta Cascade Monticello Epworth Dyersville Manchester Independence Jesup Waterloo Cedar Falls Hudson Gilbertville Waverly Shell Rock Clarksville Greene Sumner West Union Fayette Maynard Oelwein Arlington Hampton Dows Iowa Falls Ackley Eldora Steamboat Rock Grundy Center Wellsburg Reinbeck Gowrie La Porte City Traer Story City Ames Nevada State Center Marshalltown Toledo Tama Colfax Newton Grinnell Brooklyn Montezuma