GOES Active Fire Detections - January 12, 2015

Eastern Geographic Area (Northern Midwest)

LEGEND

Map Current As Of January 12, 2015 - 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

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, Twin Valley, Bemidji, Cass Lake, Fargo, West Fargo, Hawley, Detroit Lakes, Frazee, Barnesville, Perham, New York Mills, Wahpeton, Fergus Falls, Henning, Staples, Hankinson, Elbow Lake, Parkers Prairie, Eagle Bend, Wheaton, Alexandria, Long Prairie, Little Falls, Browns Valley, Graceville, Morris, Starbuck, Glenwood, Sauk Centre, Melrose, Ortonville, Benson, Paynesville, Gold Spring, Saint Cloud, Sauk Rapids, Foley, Princeton, Cambridge, Braham, Milbank, Appleton, Big Lake, Elk River, Maple Lake, Buffalo, Litchfield, Madison, Dawson, Montevideo, Willmar, Howard Lake, Winsted, Minneapolis-St. Paul, Hutchinson, Clear Lake, Clarkfield, Granite Falls, Renville, Olivia, Bird Island, Hector, Glencoe, Waconia, Chaska, Shakopee, Eagan, Saint Paul Park, Stillwater, Hudson, Hastings, Cottonwood, Redwood Falls, Fairfax, Winthrop, Gaylord, Arlington, Belle Plaine, Apple Valley, Farmington, New Prague, Northfield, Cannon Falls, Red Wing, Marshall, Tyler, Tracy, Lamberton, Springfield, Sleepy Eye, New Ulm, Saint Peter, Le Sueur, Le Center, Lonsdale, Montgomery, Flandreau, Pipestone, Slayton, Comfrey, Lake Crystal, Madelia, Mankato, Janesville, Waseca, Owatonna, Faribault, Waterville, Lake City, Edgerton, Fulda, Mountain Lake, Saint James, Windom, Heron Lake, Truman, Trimont, Winnebago, Mapleton, New Richland, Blooming Prairie, Guverne, Adrian, Lakefield, Wells, Sioux Falls, Worthington, Jackson, Sherburn, Fairmont, Blue Earth, Albert Lea, Austin, Elmore, Rock Rapids, Sibley, Ocheyedan, Lake Park, Canton, Inwood, Doon, Rock Valley, George, Okoboji, Milford, Estherville, Lake Mills, Buffalo Center, Sheldon, Hartley, Spencer, Graettinger, Bancroft, Forest City, Manly, Osage, Saint Ansgar, Cresco, Sioux Center, Orange City, Hawarden, Primghar, Paullina, Akron, Le Mars, Marcus, Cherokee, Alta, Storm Lake, Newell, Fonda, Sioux City, Holstein, Ida Grove, Odebolt, Wall Lake, Sac City, Lake City, Gowrie, Pocahontas, Gilmore City, Dakota City, Clarion, Eagle Grove, Dow City, Fort Dodge, Webster City, Rockwell City, Iowa Falls, Ackley, Hampton, Wellsburg, Grundy Center, Eldora, Reinbeck, Story City, Boone, Ames, Nevada, State Center, Marshalltown, Tama, Toledo, Grand Junction, Jefferson, Manning, Coon Rapids, Bayard, Carroll, Denison, Onawa, Decatur, Bancroft, Oakland, Dunlap, Tekamah, Woodbine, Missouri Valley, Blair, Fremont, Omaha, Council Bluffs, Harlan, Audubon, Guthrie Center, Panora, Adel, Dallas Center, Grimes, Newton, Colfax, Des Moines, West Des Moines, Indianola, Winterset, Fontanelle, Atlantic, Anita, Avoca, Stuart, Brooklyn, Grinnell, Montezuma, Monroe, Williamsburg, Iowa City, Tiffin, West Liberty, Davenport, Moline, Muscatine, Wilton, Durant, Tipton, Clinton, Fulton, De Witt, Maquoketa, Savanna, Lanark, Mount Carroll, Milledgeville, Polo, Mount Morris, Oregon, Rochelle, Sterling, Morrison, Dixon, Ashton, Amboy, Hinckley, Sandwich, Aurora, Elburn, Sycamore, Elgin, De Kalb, St. Charles, Geneva, Batavia, Bolingbrook, Romeoville, Joliet, Yorkville, Somonauk, Shorewood, Plainfield, Naperville, Aurora, Oswego, Montgomery, Channahon, Morris, Ottawa, Seneca, Ladd, Mendota, Walnut, Princeton, Bureau, Ohio, Wyanet, Hennepin, Tiskilwa, Spring Valley, Hall, Bradford, Wyoming, Toulon, Stark, Peoria, Galesburg, Knoxville, Oquawka, Monmouth, Kirkwood, Roseville, Macomb, Bushnell, Prairie City, Industry, Colchester, Table Grove, Fairview, Canton, Lewistown, Avon, Farmington, Abingdon, Cuba, Rushville, Astoria, Bryant, Lewistown, Ipava, Smithfield, Fairfield, Mount Sterling, Carthage, Hamilton, Nauvoo, Warsaw, Keokuk, Fort Madison, Montrose, Donnellson, Farmington, Bonaparte, Keosauqua, Mount Pleasant, Winfield, Salem, Danville, Paris, Terre Haute, Vincennes, Sullivan, Shelbyville, Effingham, Mattoon, Charleston, Lawrenceville, Robinson, Marshall, Clark, Crawford, Jasper, Richland, Lawrence, Wabash, Edwards, Wayne, White, Hamilton, Franklin, Jefferson, Perry, Randolph, Monroe, Saint Clair, Madison, Clinton, Washington, Jackson, Union, Alexander, Pulaski, Massac, Williamson, Saline, Gallatin, Hardin, Pope, John