MODIS Active Fire Detections - July 31, 2015

Alaska Geographic Area

LEGEND

Map Current As Of July 31, 2015 - 1500 MDT

- Fire Detection (Last 6 hours)
- Fire Detection (Last 12 hours)
- Fire Detection (Last 24 hours)
- Fire Detection (Since January 1st)
- VISTA Incident Name
- Interstate Highways
- State/U. S. Highways

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 50 100 150 200 250 kilometers

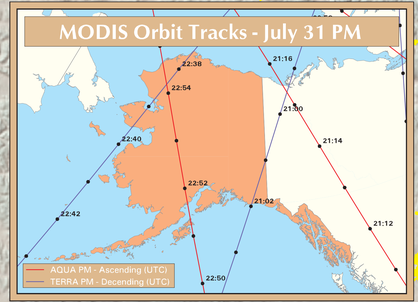
Albers Equal-Area Projection

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.

MODIS Orbit Tracks - July 31 PM



WULIK RIVER
SALMON RIVER
SELAWIK RIVER
KOYUK
Nome
UNGALIK
NULATO RIVER
NULATO RIVER 2
NULATO RIVER 3
SOUTH FORK
HOLTNAKATNA
BAATHBAKDIZUNI CREEK
BAKATIGIKH
ROCK
ISAHULTILA
KILO
SPICER CREEK
TANANA AREA FIRES
BAKER
BIG CREEK TWO
BRUNO CREEK
RUBY AREA FIRES
YUKI
YUKI TOO
EGAVIK
HONEYMOON
LITTLE MUD RIVER
SISTERS
GOLSOVIA RIVER
JOHN REEK CREEK #2
KING CREEK
REINDEER RIVER
QUINN CREEK
KUKA CREEK
NORTH ANIAK
MISSION CREEK
WHITEFISH LAKE
OPHIR CREEK
RED DEVIL
STONY
STINK RIVER
WHY LAKE
OLD VILLAGE
CARD STREET
WHITEFISH LAKE
AGGIE CREEK
Fairbanks
BEAR
GOODPASTER VALLEY
MICHIGAN CREEK
HEALY LAKE
HEALY RIVER
BULLION CREEK
TELUN HILES
LONG LAKE
Anchorage
Juneau
Skagway
Whitehorse
Dawson
Kotzebue