MODIS Active Fire Detections - July 17, 2015

Alaska Geographic Area

LEGEND

Map Current As Of July 17, 2015 - 1700 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

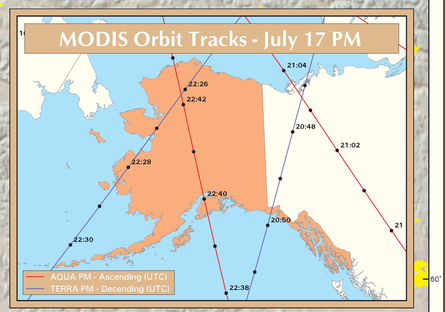
Albers Equal-Area Projection

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/commission 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 17 PM



SELAWIK RIVER
ZANE HILLS
WRENCH LAKE
SUSHGITIT HILLS
TORMENT CREEK
HOLONADA
BANDANA CREEK
MCCORMICK
SHAKTOOLIK
NULATO
KOKRINE
MOOSE POINT
BERING CREEK
TANANA AREA FIRES
SPICER CREEK
HAY SLOUGH
HARPER BEND
BEAUTY
BAKER
COD LAKE 3
AGGIE CREEK
BIRCH CREEK 2
WEST FORK
ANACONDA CREEK
LITTLE BLACK
KHOTOL
YUKON CREEK
YUKON CREEK 2
CAMP CREEK
TOTSON
KALAKAKET CREEK
YUKI TOO
BIG CREEK TWO
BRUNO CREEK
LITTLE MUD
BIG MUD RIVER
TRAIL CREEK
LLOYD
CHITANATALA
LAWSON
TITNA
SETHKOKNA
SISCHU
LITTLE MUD RIVER
WAPOO
SULUKNA
OUN
SETHKOKNA 2
DEEP CREEK
BLAZO
MUNSATLI
MUNSATLI 2
CARLSON LAKE
MOOSE CREEK
TORAKER
BEAR CREEK
IVY CREEK
RED SLOUGH #1
SODA CREEK
CASTLE ROCK
TORAKER RIVER
IRON
MCLEOD
HERRON
MAYBE CREEK
REINDEER RIVER
NORTH ANIAK
WHITEFISH LAKE
ANIAK COMPLEX
ORHIR CREEK
KIOKLUK MOUNTAIN
GECHIAK LAKE
LITTLE KOKWOK
KEEFER CUTOFF
COPENHAGEN
CHRISTIAN RIVER #2
RAINBOW
FRISKY CREEK
HARDPAC CREEK
SALMON TROUT
NENANA RIDGE
KOBE
BEAR
GOODPASTER VALLEY
MICHIGAN CREEK
HEALY LAKE
HEALY RIVER
TELLIN HILLS
LONG LAKE
CHISANA RIVER 2
SOCKEYE
Fairbanks
Anchorage
Juneau
Sitka
Ketchikan
Yukon River
Trans-Alaska Pipeline