# MODIS Active Fire Detections - July 2, 2010

## Alaska Geographic Area (Interior Alaska)

NOATAK RIVER
Anaktuvuk Pass
Arctic Village
Kiana
Noorvik
Ambler
SHEENJEK
Selawik
Shungnak
Kobuk
HOG RIVER
Bettles
Evansville
Venetie
PEAVEY CREEK
Buckland
Allakaket
Chalkyitsik
Fort Yukon
Hughes
Beaver
BIG MOUNTAIN
PAT CREEK
DEMPSEY CREEK
HOLONADA
Huslia
LOUIE CREEK
Stevens Village
Circle
CANYON CREEK
Rampart
JUDGE CREEK
CASCADEN RIDGE
Central
Koyukuk
BROOKS CREEK
Nulato
APPLEGATE
Tanana
Galena
Ruby
Manley Hot Springs
Kaltag
CHITANATALA
Fox
Ester
College
Fairbanks
WILLOW CREEK
LOST RIVER
GRAND CREEK
North Pole
Eagle
Eagle Village
Moose Creek
Nenana
SISCHU 1
SISCHU 2
Trans-Alaska Pipeline
Anderson
DELTA COMPLEX
Big Delta
Lake Minchumina
Delta Junction
MISSISSIPPI IMPACT AREA
DOMINION
Healy
MYSTERY
NORTH FORK
Shageluk
Cantwell
Takotna
McGrath
Nikolai
Tanacross
Tok
REINDEER RIVER
LONE MOUNTAIN
Northway
TURQUOISE LAKE
Crooked Creek
Talkeetna
Chistochina
Red Devil
Sleetmute
Stony River
Gulkana
Gakona
Copper Center
Lime Village
MUKSLULEIK
Willow
Chickaloon
Sutton
Houston
Wasilla
Palmer
Tonsina
Chitina
McCarthy
Knik
Anchorage
Ivonek
Valdez
Hope
Tatitlek
Whittier
Kenai
Sterling
Kalifornsky
Soldotna
Port Alsworth
Cooper Landing
Cordova
Kasilof
Nondalton
Clam Gulch
Cherene
Koliganek
Seward
Ninilchik
Newhalen
New Stuyahok
Nikolaevsk
Ekwok
Anchor Point
Kachemak City
Igiugig
Homer
Levelock
Seldovia
Port Graham
Naknek
South Naknek
King Salmon
Egegik
Quzinkie



# LEGEND

*Map Current As Of July 2, 2010 - 0300 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 Highway
- U. S. Highway

Elevation

| Meters | Feet |
|---|---|
| 3,500 & Above | 12,000 & Above |
| | 11,000 |
| 3,000 | 10,000 |
| | 9,000 |
| 2,500 | 8,000 |
| | 7,000 |
| 2,000 | 6,000 |
| | 5,000 |
| 1,500 | 4,000 |
| | 3,000 |
| 1,000 | 2,000 |
| 500 | 1,000 |
| 0 Meters | 0 Feet |

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.

0 20 40 60 80 100 miles
0 20 40 60 80 100 kilometers
Albers Equal-Area Projection