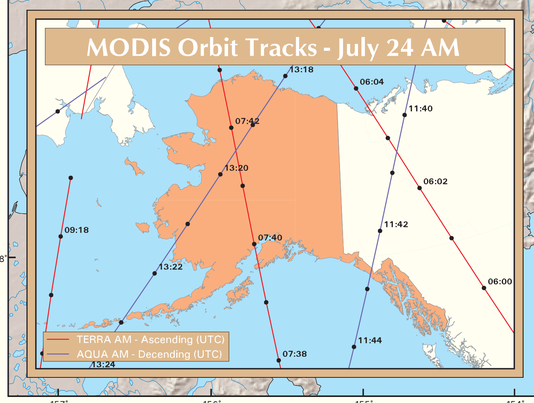
MODIS Active Fire Detections - July 24, 2010

Alaska Geographic Area (Interior Alaska)

EVAINGIKNUK RIVER
KOBUK RIVER NORTH
LAKE TUTUSIROK
KALUKTAVIK RIVER
NANIELIK CREEK
NARUGUGH MTN.
SQUIRREL RIVER SOUTH
SALMON RIVER
TIMBER CREEK
Anaktuvuk Pass
Arctic Village
SHEENJEK
Kiana
Noorvik
KOBUK
Ambler
Selawik
Shungnak
Kobuk
THE DIVIDE
SIRUK CREEK
KLIKHTENTOZNA CREEK
Bettles
Evansville
Venetie
PEAVEY CREEK
Buckland
Allakaket
HADWEENZIC
Chalkyitsik
DERBY CREEK
Fort Yukon
CANVASBACK LAKE
Hughes
Beaver
TCHULKADE LAKE
BIG MOUNTAIN
PAT CREEK
DEMPSEY CREEK
THREE SLEEP
BIG DUCK LAKE
Huslia
LOUIE CREEK
TIPPOOKTULEARUK RIVER
TAKHAKDONA HILLS
Stevens Village
Circle
CANYON CREEK
Rampart
JUDGE CREEK
CASCADEN RIDGE
Central
Koyukuk
Nulato
Tanana
APPLEGATE
Galena
Manley Hot Springs
Ruby
Kaltag
YUKI RIVER
CHITANATALA
Fox
Ester
College
Fairbanks
GRANITE TORS
LOST RIVER
GRAND CREEK
TOKLAT 2
WILLOW CREEK
CLEAR CREEK BUTTES 2
North Pole
Moose Creek
Eagle
Eagle Village
Nenana
Trans-Alaska Pipeline
Anderson
Big Delta
Delta Junction
Lake Minchumina
Healy
NO NAME CREEK
Shageluk
Takotna
McGrath
Nikolai
Cantwell
EAGLE TRAIL FIRE
Tanacross
Tok
Northway
TURQUOISE LAKE
Crooked Creek
Talkeetna
Chistochina
Red Devil
Sleetmute
Stony River
Gulkana
Gakona
Copper Center
Lime Village
Willow
Chickaloon
Sutton
Houston
Wasilla
Palmer
Tonsina
Chitina
McCarthy
Knik
Anchorage
Valdez
Iyonek
Hope
Tatitlek
Whittier
Kenai
Sterling
Kalifornsky
Soldotna
Port Alsworth
Cooper Landing
Kasilof
Cordova
Nondalton
Clam Gulch
Koliganek
Cherene
Ninilchik
Seward
Newhalen
New Stuyahok
Nikolaevsk
Ekwok
Anchor Point
Kachemak City
Igiugig
Homer
Levelock
Seldovia
Port Graham
Quzinkie

MODIS Orbit Tracks - July 24 AM



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

LEGEND

Map Current As Of July 24, 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

ACTIVE FIRE MAPPING · USFS · RSAC · INTERAGENCY FIRE CENTER Boise, IDAHO · NASA · NOAA

USDA Forest Service Active Fire Mapping Program - http://activefiremaps.fs.fed.us