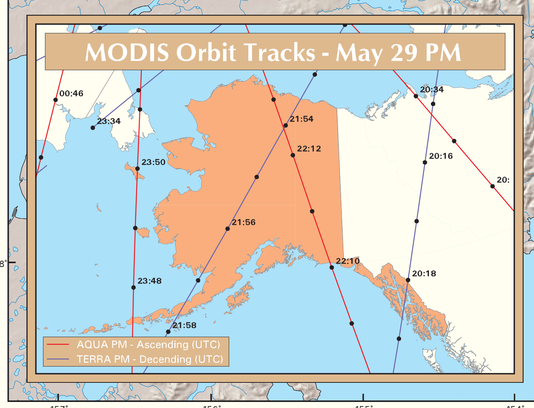
# MODIS Active Fire Detections - May 29, 2010

## Alaska Geographic Area (Interior Alaska)

Anaktuvuk Pass
Arctic Village
Kiana
NOORVIK FANDYHIS
Ambler
SHEENJEK
Selawik
Shungnak
Kobuk
Bettles
Evansville
Venetie
Buckland
Allakaket
Chalkyitsik
SUCKER RIVER
Fort Yukon
Hughes
Beaver
Huslia
Stevens Village
Circle
Rampart
CASCADEN RIDGE
Central
FRYINGPAN CREEK
Koyukuk
Nulato
Galena
Tanana
APPLEGATE
Ruby
Manley Hot Springs
Kaltag
CHITANATALA
Fox
Ester
College
Fairbanks
North Pole
Moose Creek
TOKLAT
BROKEN TREE
Nenana
CLEAR CREEK BUTTES
Eagle
Eagle Village
Anderson
Trans-Alaska Pipeline
GILLES CREEK
JEANNES LAKE
Big Delta
263 PARKS
Lake Minchumina
Delta Junction
SOUTH FORK HEALY
POPAVICH
MISSISSIPPI IMPACT AREA
Healy
MYSTERY
Shageluk
Takotna
McGrath
Cantwell
EAGLE'S TRAIL
Tok
Nikolai
Northway
TURQUOISE LAKE
Crooked Creek
Talkeetna
Chistochina
Red Devil
Sleetmute
Stony River
Gulkana
Gakona
Lime Village
Willow
Chickaloon
Sutton
Houston
Wasilla
Palmer
Copper Center
Tonsina
Chitina
McCarthy
Knik
Anchorage
Iyonek
Valdez
Hope
Tatitlek
Whittier
Kenai
Sterling
Kalifornsky
Soldotna
Port Alsworth
Cooper Landing
Cordova
Kasilof
Nondalton
Clam Gulch
Cherterva
Koliganek
Ninilchik
Seward
Newhalen
New Stuyahok
Nikolaevsk
Ekwok
Anchor Point
Kachemak City
Igiugig
Homer
Levelock
Seldovia
Port Graham
Quzinkie

### MODIS Orbit Tracks - May 29 PM




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 May 29, 2010 - 1900 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 |
| 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 |