MODIS Active Fire Detections - December 1, 2010

Alaska Geographic Area

LEGEND

Map Current As Of December 1, 2010 - 1500 MST

- 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

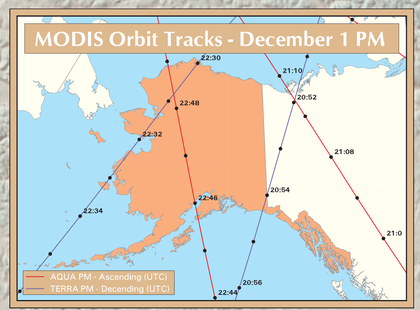
Albers Equal-Area Projection

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 - December 1 PM



Fairbanks
Anchorage
Juneau
Sitka
Ketchikan
Kodiak
Nome
Barrow
Dalton Highway
Tok Cutoff Highway
Tanana
Kuskokwim
Yukon
Koyukuk
Porcupine
Chandalar
Sheenjek
Canning
Hulahula
Aichilik
Egaksrak
Kongakut
Firth
Ivishak
Sagavanirktok
Kuparuk
Colville
Itkillik
Chandler
Anaktuvuk
Killik
Alatna
John
Noatak
Kobuk
Selawik
Hogatza
Koyukuk
Nowitna
Innoko
Iditarod
Kuskokwim
Yukon
Tanana
Chena
Salcha
Delta
Gerstle
Nabesna
Chisana
Tanana
Copper
Gulkana
Susitna
Matanuska
Knik
Tonsina
Klutina
Chitina
Nizina
Chistochina
Slana
Tok
Mentasta
Nabesna
Chisana
Wrangell
Kennicott
Nizina
Chitina
Copper
Bering
Malaspina
Hubbard
Seward
Kenai
Harding
Iliamna
Becharof
Alaska Peninsula
Aleutian Islands
Unimak
Pribilof Islands
St. Paul
St. George
St. Lawrence
Nunivak
Kuskokwim Bay
Norton Sound
Kotzebue Sound
Chukchi Sea
Beaufort Sea
Bering Sea
Gulf of Alaska
Prince William Sound
Cook Inlet
Shelikof Strait
Kodiak Island
Admiralty Island
Baranof Island
Chichagof Island
Glacier Bay
Yakutat Bay
Dixon Entrance
Haines
Skagway
Whitehorse
Dawson
Fort Yukon
Circle
Eagle
Tetlin
Northway
Beaver
Wiseman
Coldfoot
Bettles
Allakaket
Hughes
Huslia
Galena
Ruby
Tanana
Kaltag
Unalakleet
Shaktoolik
Koyuk
Elim
Golovin
White Mountains
Nome
Teller
Brevig Mission
Wales
Shishmaref
Kivalina
Noatak
Kobuk
Selawik
Deering
Buckland
Ambler
Shungnak
Kobuk
Noorvik
Kiana