

NASA LANCE-FIRMS MODIS Active Fire Web Map Service (WMS)

What is a WMS?

A **Web Map Service (WMS)** uses a standard protocol for serving georeferenced map images, generated from map server, over the Internet. The specification was developed and first published by the Open Geospatial Consortium

http://en.wikipedia.org/wiki/Open_Geospatial_Consortium in 1999.

How do I view the WMS?

The LANCE - FIRMS WMS (version 1.1.1) offers Open GIS Consortium standard Web Map Service interface. The FIRMS WMS, enables users to access the LANCE - FIRMS active fire data using a local (desktop) or web GIS clients.

The two WMS requests currently available here are (i) the **GetMap** request, and (ii) the **GetCapabilities** request. Click on these links to obtain the corresponding result. If you want the request URLs, click on "Show URL" link and copy-paste the required URL into your desired GIS client.

If you want more information about the OpenGIS WMS specification, see <http://www.opengeospatial.org/specs/?page=specs>. For help with customizing the requests, read ESRI WMS and WFS Connector Help http://webhelp.esri.com/arcims/9.2/general/mergedProjects/wfs_connect/whnjs.htm

Citation and Disclaimer Information

NASA promotes the full and open sharing of all data with the research and applications communities, private industry, academia, and the general public. Read the [NASA Data and Information Policy](http://science.nasa.gov/earth-science/earth-science-data/data-information-policy/) (<http://science.nasa.gov/earth-science/earth-science-data/data-information-policy/>).

If you provide the LANCE / FIRMS data to a third party, we request you follow the guidelines in the [citation](#) below and replicate or provide a link to the [disclaimer](#).

Citation

Please note that data distributed from FIRMS comes from 2 sources: 1) near real-time data (MCD14DL) and 2) data extracted from standard data files (MCD14ML). If you are using the data in a scientific publication, you should be very clear which source you use. We recommend you read the [MODIS Fire User Guide version 2.5](#) to ensure you are using the most appropriate source of MODIS active fire data for your application.

For more information about FIRMS and MODIS, visit the FIRMS [FAQ](#).

For general acknowledgement of FIRMS data and imagery:

We acknowledge the use of FIRMS data and imagery from the Land, Atmosphere Near real-time Capability for EOS (LANCE) system operated by the NASA/GSFC/Earth Science Data and Information System (ESDIS) with funding provided by NASA/HQ.

For Near Real-Time data only:

NASA FIRMS NRT MODIS Near real-time Hotspot / Active Fire Detections [MCD14DL](#) data set. Available on-line [<https://earthdata.nasa.gov/firms>].

For standard data (MCD14ML) extracted from the FIRMS Download Tool:

MODIS Active Fire Detections extracted from [MCD14ML](#) distributed by NASA FIRMS. Available on-line [<https://earthdata.nasa.gov/active-fire-data>].

In the unwise event you use a mixture of near real-time and standard data, you will need to cite both MCD14DL and MCD14ML (extracted by FIRMS).

Disclaimer

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