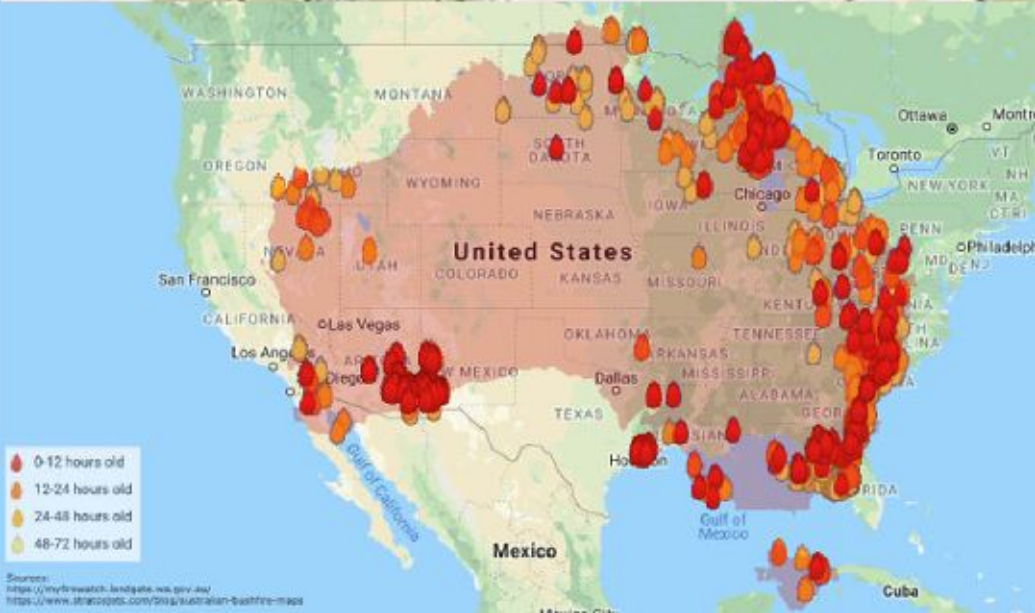
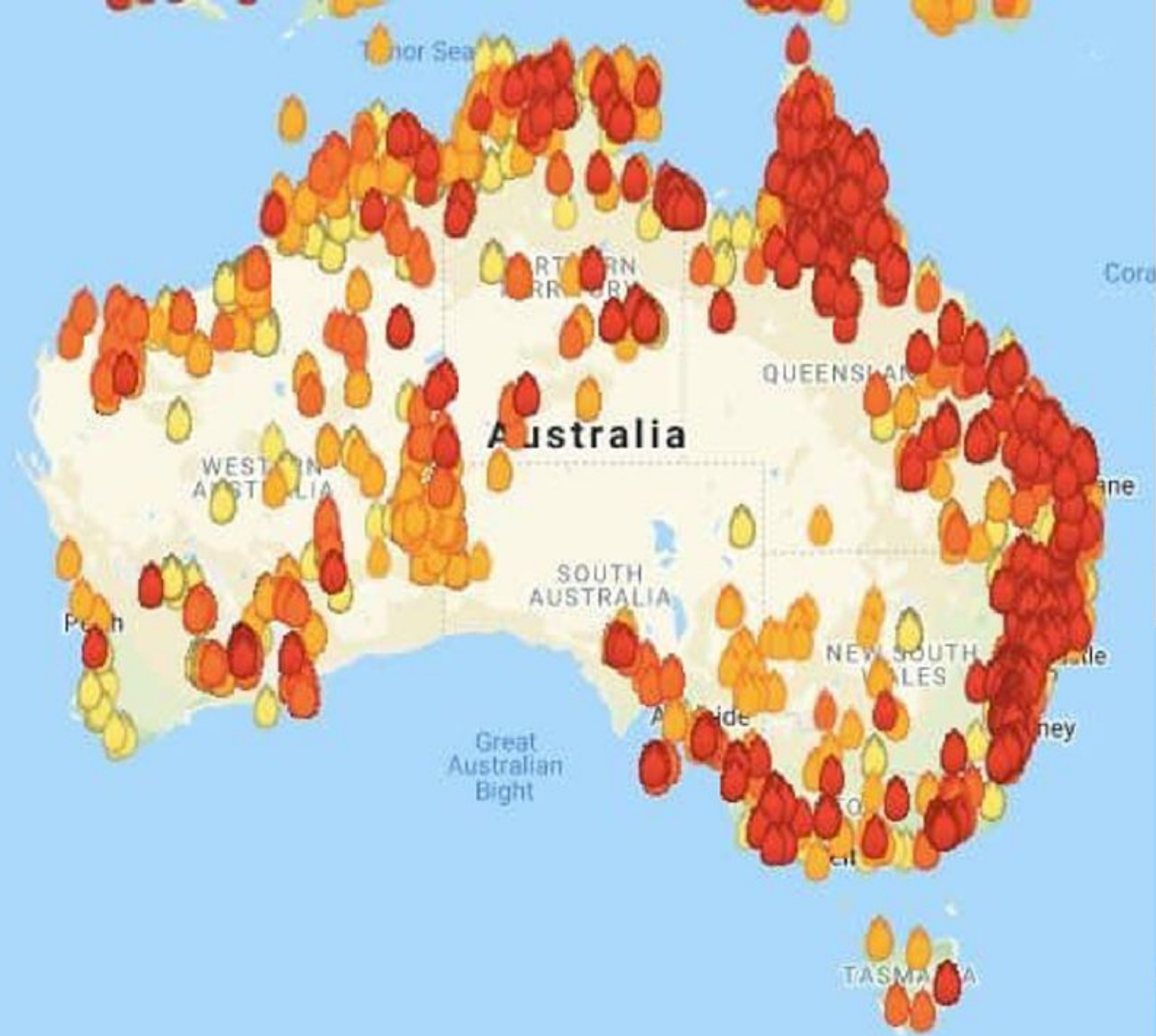


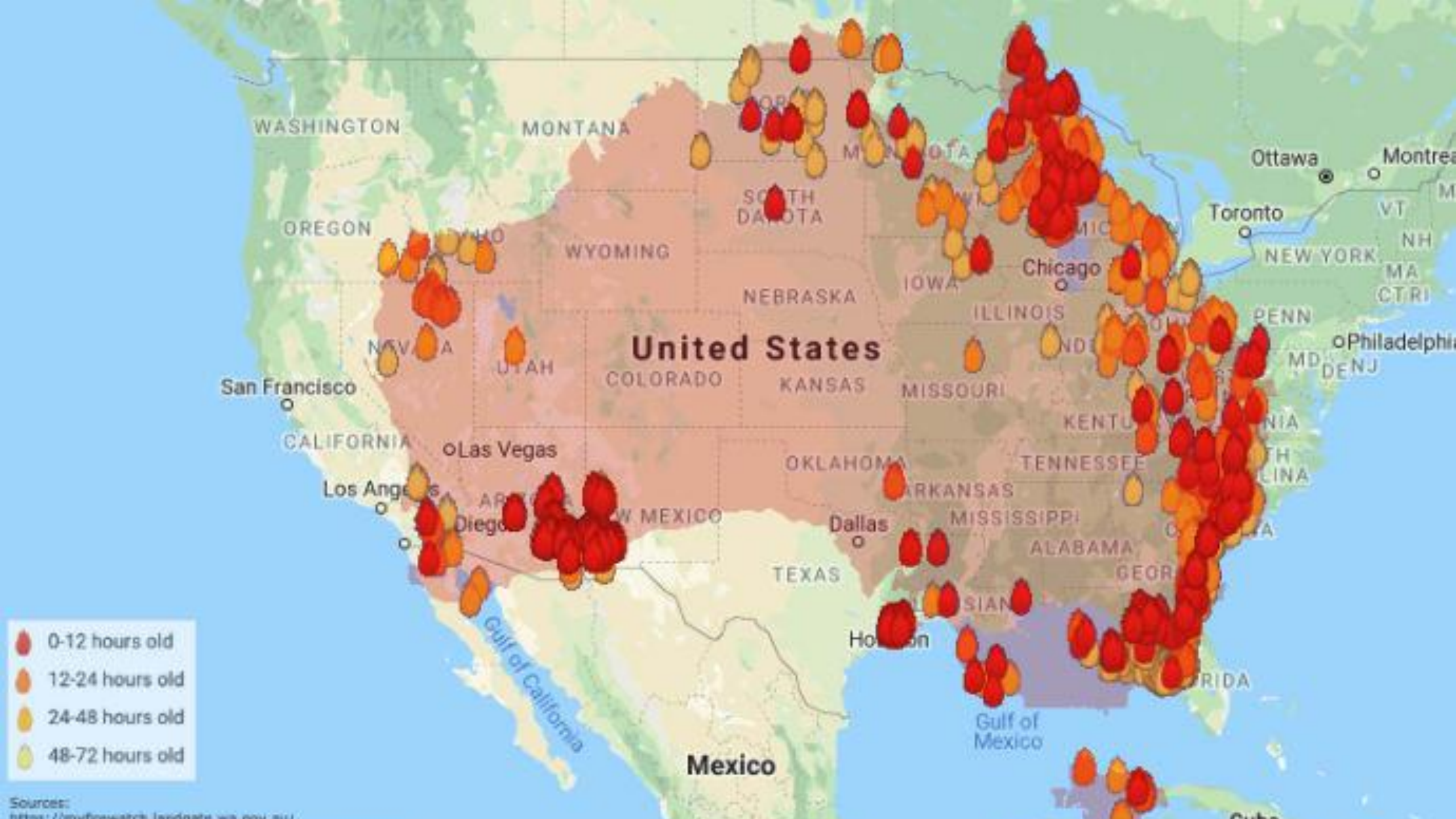


Australia Fires

NASA FIRMS Data Visualization







Sources:
<https://www.fineartstyle.com/artist/will-ross-art/>



"This is a 3D visualisation of the fires in Australia. NOT A PHOTO. Think of this as prettier looking graph.

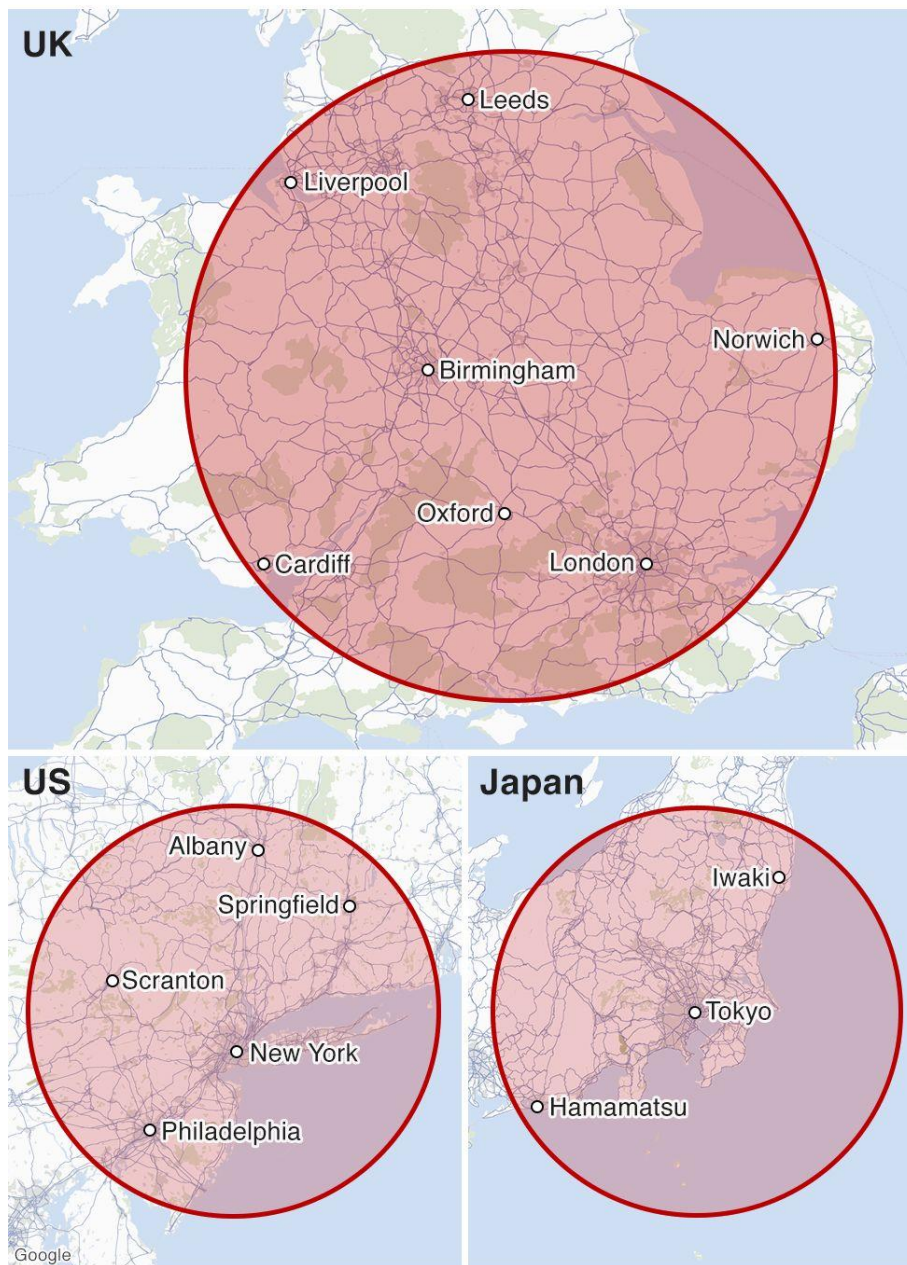
This is made from data from NASA's FIRMS (Satellite data regarding fires) between 05/12/19 - 05/01/20. These are all the areas which have been affected by bushfires.

Scale is a little exaggerated due to the render's glow, but generally true to the info from the NASA website. Also note that NOT all the areas are still burning, and this is a compilation."

Anthony Hearsey

How big are the Australian fires?

An estimated 10 million hectares (100,000 sq km) across Australia since 1 July



Bushfires in New South Wales and Victoria



Source: DAFF and local fire services, 6 Jan



ANIMATED GIF
GOES HERE!

NASA FIRMS

NASA FIRMS (Fire Information for Resource Management System) provides an interactive view of Near Real-Time active fire data around the globe as well as historical fire data for download

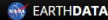
<https://firms.modaps.eosdis.nasa.gov/map/>





DATA ACCESS


Data for up to 7 days can be directly downloaded from the Active Fire Data section

For data older than 7 days, up to January 2012, you need to make a download request from the Archive Download section

Find a DAAC

FIRMS
Fire Information for Resource Management System





Fire Map

Active Fire Data

Fire Alerts

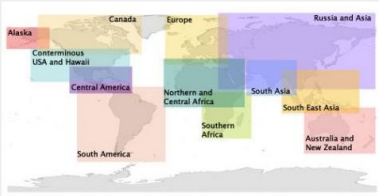
Archive Download

Web Services

Active Fire Data

Download Near real-time MODIS (C6) and VIIRS (375 m) active fire data using the tables below.

For data older than seven days, use the [Archive Download](#)



Shapefiles

Google Earth KML

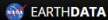
Text Files (CSV)


Register to start downloading daily text files for the last two months:


- MODIS Collection 6
- VIIRS 375m / S-NPP
- VIIRS 375m / NOAA-20


To keep file sizes to a minimum, the data are provided by region.

	MODIS 1km	VIIRS 375m / S-NPP	VIIRS 375m / NOAA-20
World	24h 48h 7d	24h 48h 7d	24h 48h 7d

Find a DAAC

FIRMS
Fire Information for Resource Management System





Fire Map

Active Fire Data

Fire Alerts

Archive Download

Web Services

Archive Download

Download active fire/hotspot information older than the last 7 days as:

- shapefiles (.shp),
- comma-separated text files (.csv) or
- JSON files (.json)

Note:

Near Real-Time (NRT) data are replaced with standard science quality data as they become available (usually with a 2-3 month lag). For information on the difference between NRT and standard data see our [FAQs](#).

Once the request has been processed, you will receive an email with instructions on how to download your data.


MODIS Collection 6: Temporal Coverage: 11 November 2000 - present


VIIRS 375m: Temporal Coverage: 20 January 2012 - present

Create New Request

Enter email address

Check Request Status

 LANCE-MODIS mailing list

 FIRMS mailing list

You will receive an email with the download link within minutes from the request



• **NASA FIRMS** <noreply@modaps.eosdis.nasa.gov>
To: vasilescu_anton@yahoo.com

Greetings!

Your NASA FIRMS Fire Archive Download request is completed. You can download the data from https://firms.modaps.eosdis.nasa.gov/data/download/DL_FIRE_M6_94872.zip

Please note that your data will be available for up to 45 days on our server, after which we may delete them.

Here's the summary of your request:

Download Id : 94872
Data Source : MODIS C6
Start Date : 2019-01-01
End Date : 2019-01-31
Output Format : shp
Area of Interest: United States

If you have any questions or comments, please contact us at support@earthdata.nasa.gov. Please include the word "FIRMS" in the subject line.

Thank you,
NASA FIRMS Team

More information on NASA FIRMS can be found at <https://earthdata.nasa.gov/firms>.

LEGEND

Latitude & Longitude

- Center of nominal 375m fire pixel

Bright_ti4

- VIIRS I-4 channel brightness temperature of the fire pixel measured in Kelvin.

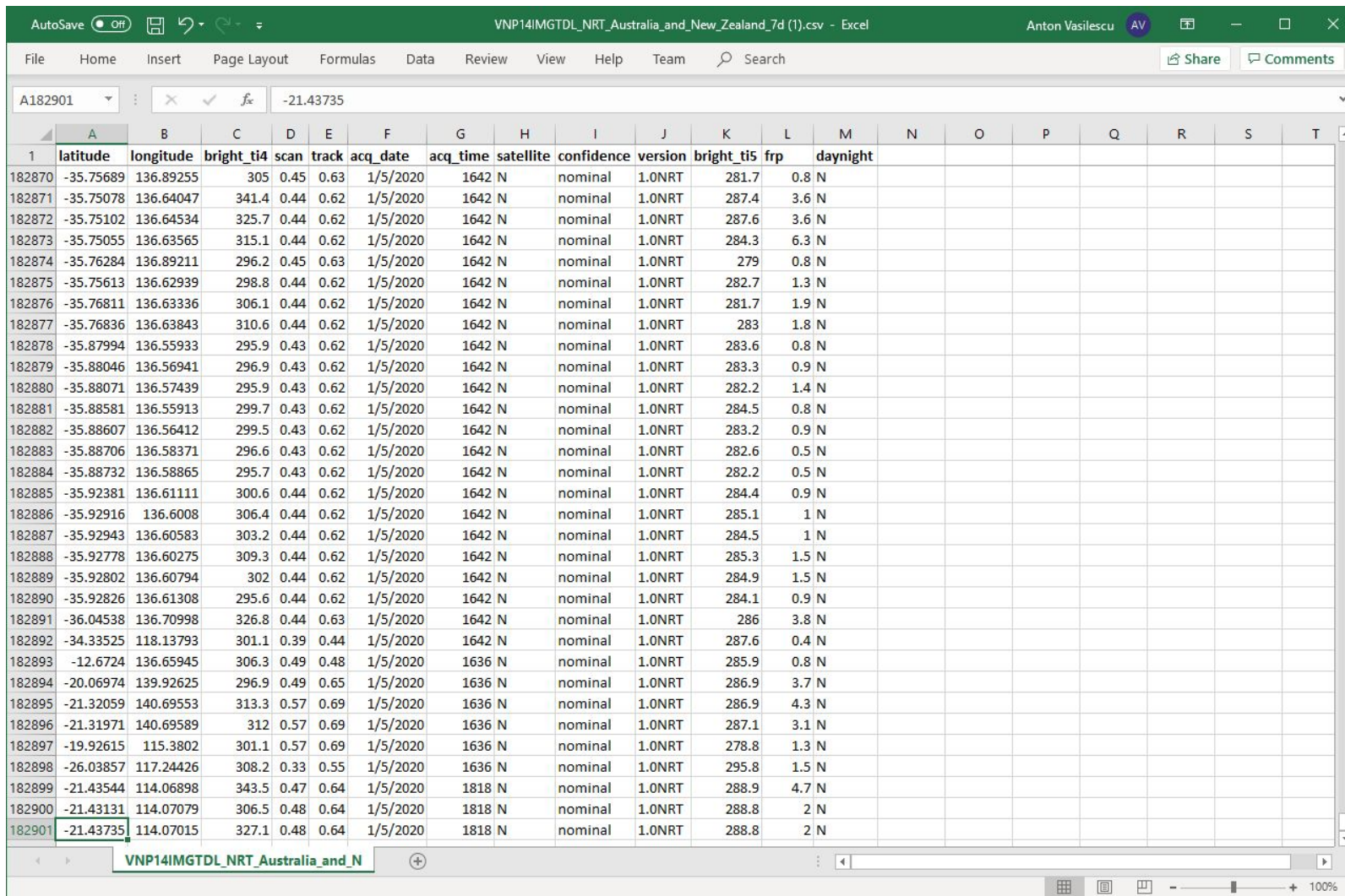
Acq_Date

- Date of VIIRS acquisition.

Acq_Time

- Time of acquisition/overpass of the satellite (in UTC).

<https://earthdata.nasa.gov/earth-observation-data/near-real-time/firms/viirs-i-band-active-fire-data>



1	latitude	longitude	bright_ti4	scan	track	acq_date	acq_time	satellite	confidence	version	bright_t15	frp	daynight
182870	-35.75689	136.89255	305	0.45	0.63	1/5/2020	1642	N	nominal	1.0NRT	281.7	0.8	N
182871	-35.75078	136.64047	341.4	0.44	0.62	1/5/2020	1642	N	nominal	1.0NRT	287.4	3.6	N
182872	-35.75102	136.64534	325.7	0.44	0.62	1/5/2020	1642	N	nominal	1.0NRT	287.6	3.6	N
182873	-35.75055	136.63565	315.1	0.44	0.62	1/5/2020	1642	N	nominal	1.0NRT	284.3	6.3	N
182874	-35.76284	136.89211	296.2	0.45	0.63	1/5/2020	1642	N	nominal	1.0NRT	279	0.8	N
182875	-35.75613	136.62939	298.8	0.44	0.62	1/5/2020	1642	N	nominal	1.0NRT	282.7	1.3	N
182876	-35.76811	136.63336	306.1	0.44	0.62	1/5/2020	1642	N	nominal	1.0NRT	281.7	1.9	N
182877	-35.76836	136.63843	310.6	0.44	0.62	1/5/2020	1642	N	nominal	1.0NRT	283	1.8	N
182878	-35.87994	136.55933	295.9	0.43	0.62	1/5/2020	1642	N	nominal	1.0NRT	283.6	0.8	N
182879	-35.88046	136.56941	296.9	0.43	0.62	1/5/2020	1642	N	nominal	1.0NRT	283.3	0.9	N
182880	-35.88071	136.57439	295.9	0.43	0.62	1/5/2020	1642	N	nominal	1.0NRT	282.2	1.4	N
182881	-35.88581	136.55913	299.7	0.43	0.62	1/5/2020	1642	N	nominal	1.0NRT	284.5	0.8	N
182882	-35.88607	136.56412	299.5	0.43	0.62	1/5/2020	1642	N	nominal	1.0NRT	283.2	0.9	N
182883	-35.88706	136.58371	296.6	0.43	0.62	1/5/2020	1642	N	nominal	1.0NRT	282.6	0.5	N
182884	-35.88732	136.58865	295.7	0.43	0.62	1/5/2020	1642	N	nominal	1.0NRT	282.2	0.5	N
182885	-35.92381	136.61111	300.6	0.44	0.62	1/5/2020	1642	N	nominal	1.0NRT	284.4	0.9	N
182886	-35.92916	136.6008	306.4	0.44	0.62	1/5/2020	1642	N	nominal	1.0NRT	285.1	1	N
182887	-35.92943	136.60583	303.2	0.44	0.62	1/5/2020	1642	N	nominal	1.0NRT	284.5	1	N
182888	-35.92778	136.60275	309.3	0.44	0.62	1/5/2020	1642	N	nominal	1.0NRT	285.3	1.5	N
182889	-35.92802	136.60794	302	0.44	0.62	1/5/2020	1642	N	nominal	1.0NRT	284.9	1.5	N
182890	-35.92826	136.61308	295.6	0.44	0.62	1/5/2020	1642	N	nominal	1.0NRT	284.1	0.9	N
182891	-36.04538	136.70998	326.8	0.44	0.63	1/5/2020	1642	N	nominal	1.0NRT	286	3.8	N
182892	-34.33525	118.13793	301.1	0.39	0.44	1/5/2020	1642	N	nominal	1.0NRT	287.6	0.4	N
182893	-12.6724	136.65945	306.3	0.49	0.48	1/5/2020	1636	N	nominal	1.0NRT	285.9	0.8	N
182894	-20.06974	139.92625	296.9	0.49	0.65	1/5/2020	1636	N	nominal	1.0NRT	286.9	3.7	N
182895	-21.32059	140.69553	313.3	0.57	0.69	1/5/2020	1636	N	nominal	1.0NRT	286.9	4.3	N
182896	-21.31971	140.69589	312	0.57	0.69	1/5/2020	1636	N	nominal	1.0NRT	287.1	3.1	N
182897	-19.92615	115.3802	301.1	0.57	0.69	1/5/2020	1636	N	nominal	1.0NRT	278.8	1.3	N
182898	-26.03857	117.24426	308.2	0.33	0.55	1/5/2020	1636	N	nominal	1.0NRT	295.8	1.5	N
182899	-21.43544	114.06898	343.5	0.47	0.64	1/5/2020	1818	N	nominal	1.0NRT	288.9	4.7	N
182900	-21.43131	114.07079	306.5	0.48	0.64	1/5/2020	1818	N	nominal	1.0NRT	288.8	2	N
182901	-21.43735	114.07015	327.1	0.48	0.64	1/5/2020	1818	N	nominal	1.0NRT	288.8	2	N