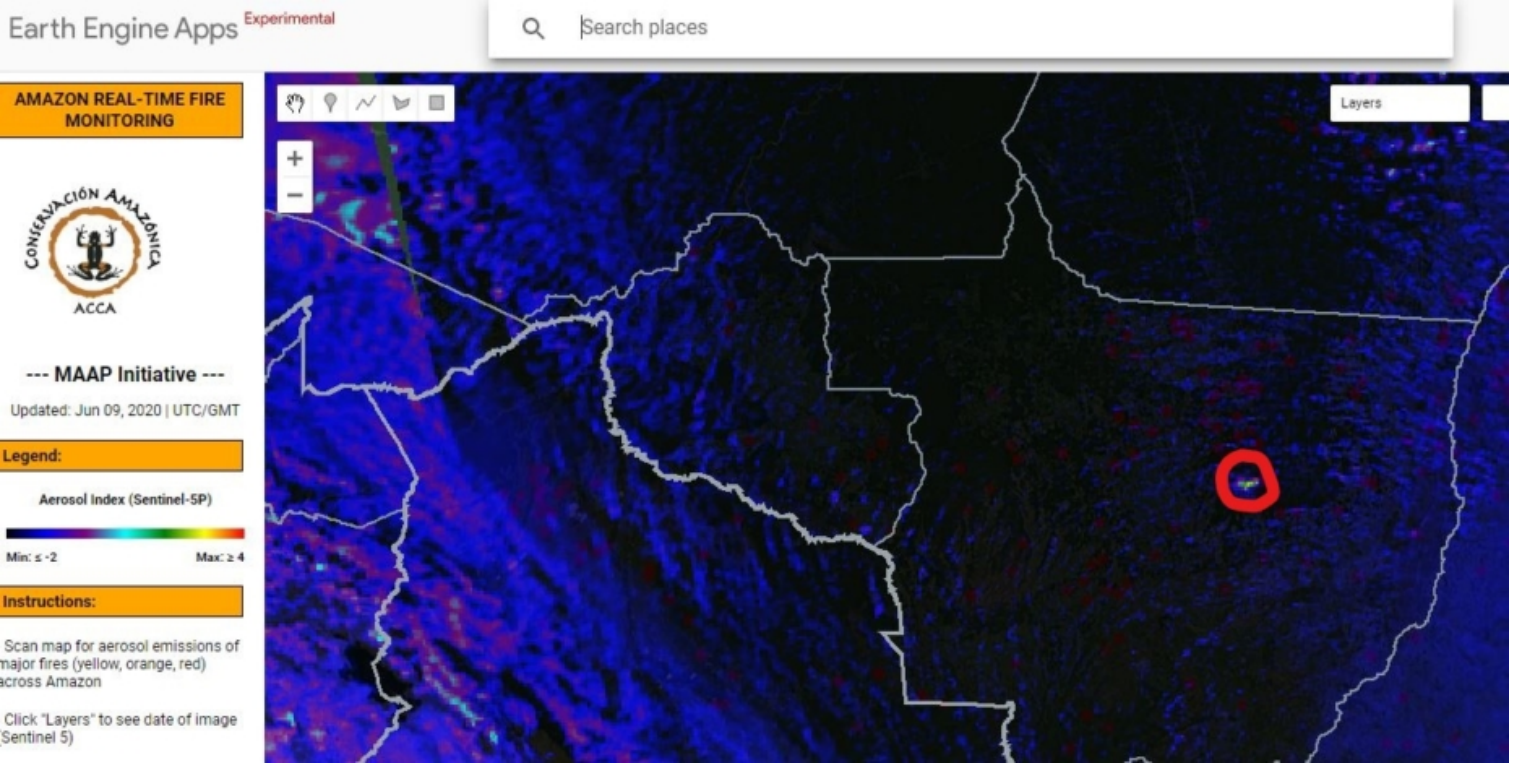


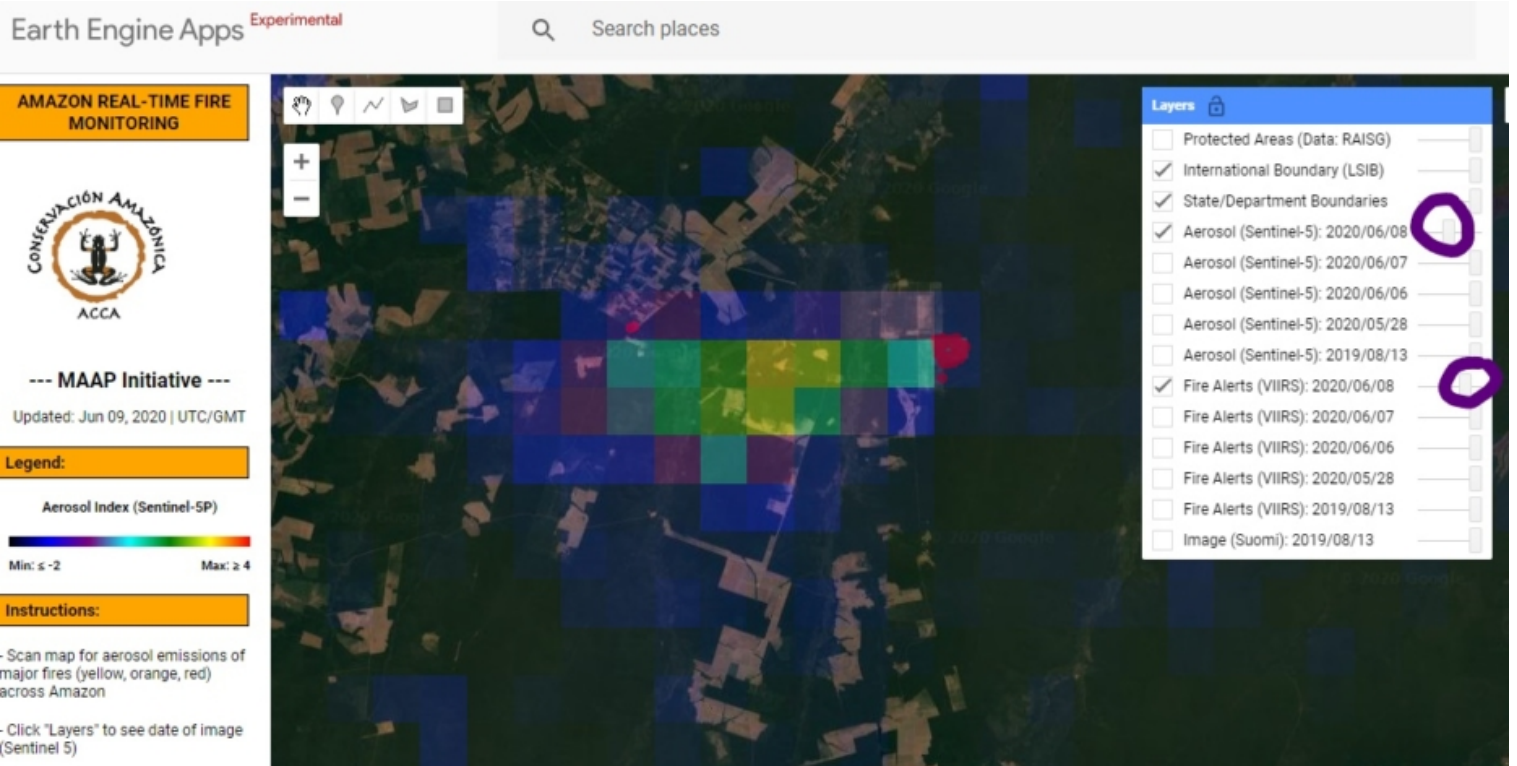
MAAP: Amazon Fire Tracker #2 - Brazil, June 8 2020

As presented in [MAAP #118](#), Amazon Conservation launched a [real-time fire monitoring app](#) that specializes in detection of elevated aerosol emissions from burning Amazon fires. As detailed below, the app detected the second major 2020 fire on June 8, 2020 in Mato Grosso, Brazil.

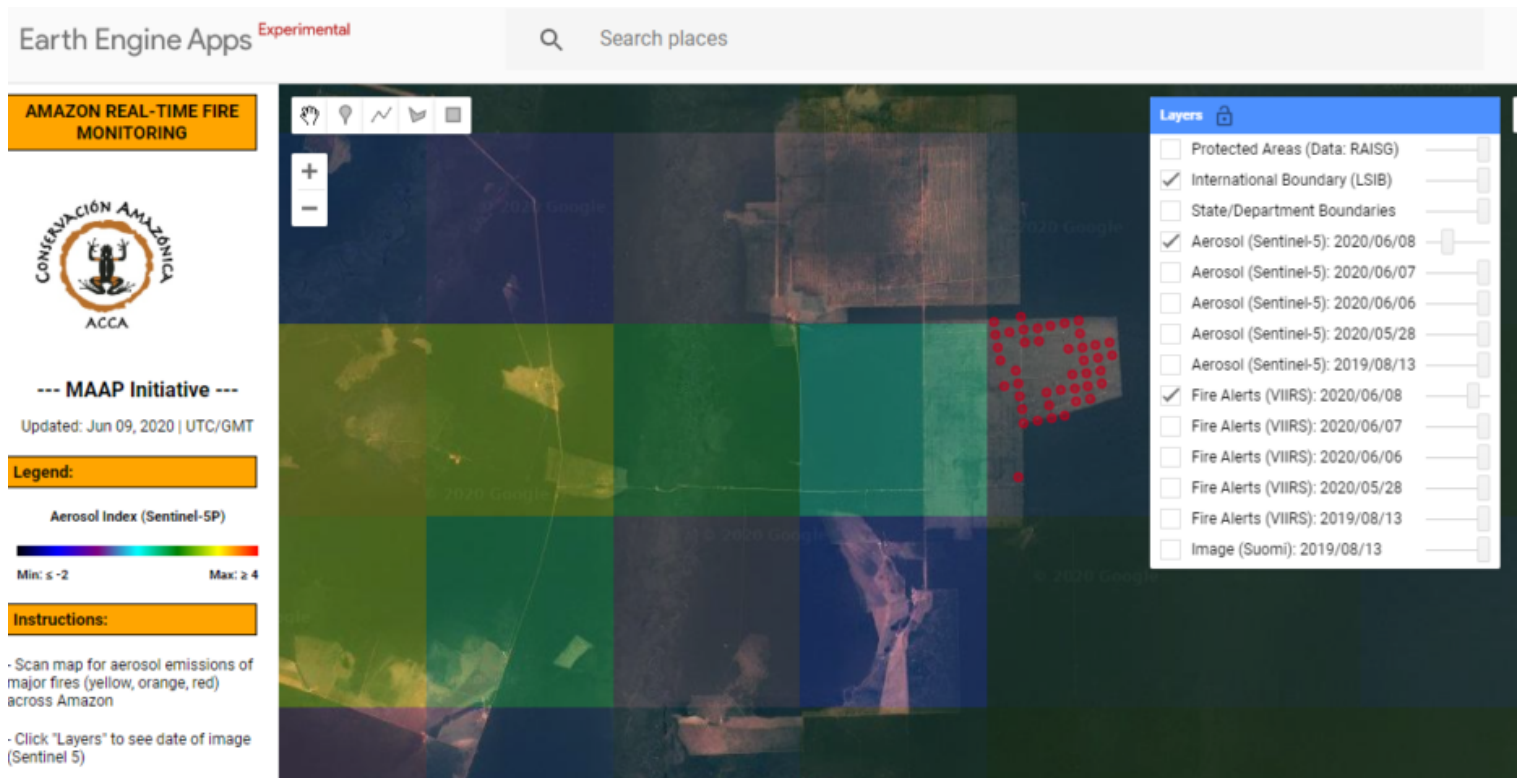
Step 1. Detection of elevated emissions in the southeastern Brazilian Amazon (Mato Grosso).



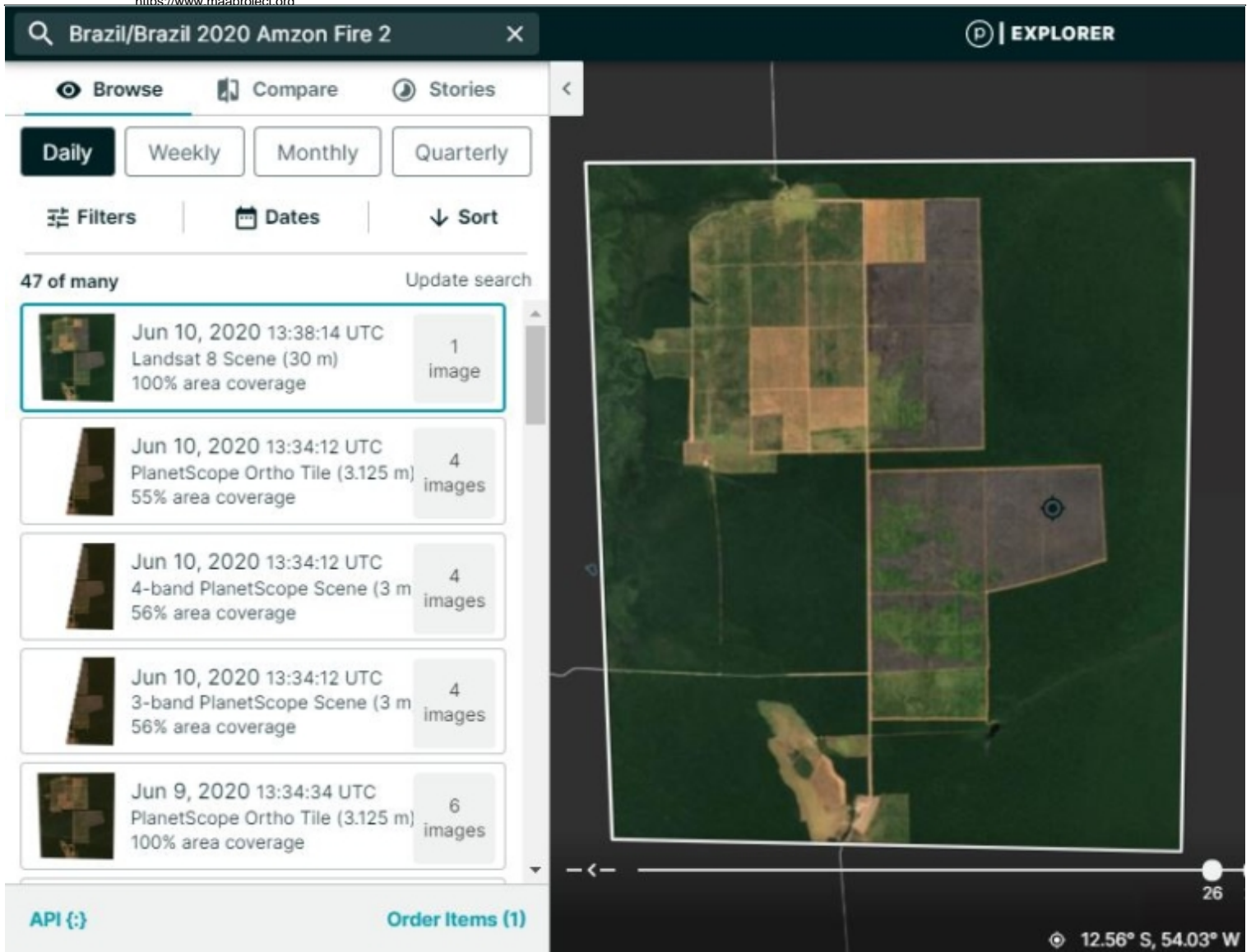
Step 2. Zoom in on the emissions, adjust the transparency to see the underlying fire alerts that indicate the fire location.



Step 3. Zoom in again to see precisely the fire location and obtain coordinates.



Step 4. Check the satellite imagery archive in Planet Explorer. Here is a Landsat image (30 meter resolution) showing the fire burned around 3,000 hectares (7,400 acres) of an area deforested in July 2018. Note that [MAAP #113](#) made the important discovery that most of the 2019 Brazilian Amazon fires were burning recently deforested areas (and not uncontrolled forest fires).



The screenshot shows the MAAP Explorer interface. The search bar contains 'Brazil/Brazil 2020 Amzon Fire 2'. The interface includes navigation tabs for 'Browse', 'Compare', and 'Stories'. Below these are filters for 'Daily', 'Weekly', 'Monthly', and 'Quarterly', along with 'Filters', 'Dates', and 'Sort' options. A list of search results is displayed, showing various satellite imagery from June 9 and 10, 2020, with details on resolution and area coverage. The main view shows a satellite image of a forested area with a fire scar, overlaid with a grid of image tiles. The interface also includes an 'API' link and an 'Order Items (1)' button. The coordinates at the bottom right are 12.56° S, 54.03° W.

Coordinates

[lat: -12.57, lon: -54.06](#)

References

Gorelick, N., Hancher, M., Dixon, M., Ilyushchenko, S., Thau, D., & Moore, R. (2017). Google Earth Engine: Planetary-scale geospatial analysis for everyone. *Remote Sensing of Environment*.

<https://earthengine.google.com/faq/>

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Citation

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