

Fires data (data_downloader.py)

- Built a soup
- Downloaded and stored daily data
- Created a file dictionary to be used later

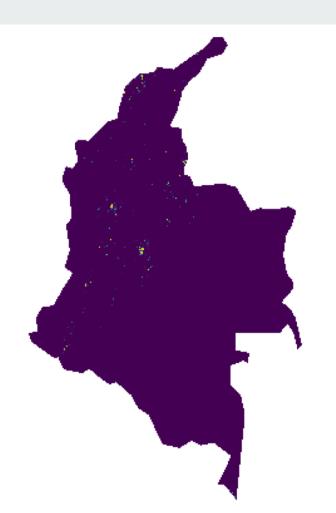
Table from NASA website

	MODIS 1 km	VIIRS 375 m
Wests	245 - 2405 - 274 - 2	245 5 405 5 74 5
World	24h 🛮 48h 🗗 7d 🗗	24h 🛮 48h 🗗 7d 🗗
Alaska	24h 🛮 48h 🗗 7d 🗗	24h 🛮 48h 🗗 7d 🗗
Australia and New Zealand	24h 🛭 48h 🗗 7d 🗗	24h 🛭 48h 🗗 7d 🗗
Canada	24h 🛭 48h 🗗 7d 🗗	24h 🛮 48h 🗗 7d 🗗
Central America	24h 🛭 48h 🗗 7d 🗗	24h 🛮 48h 🗗 7d 🗗
Europe	24h 🛭 48h 🗗 7d 🗗	24h 🖸 48h 🖸 7d 🖸
North and Central Africa	24h 🛭 48h 🗗 7d 🗗	24h 🛭 48h 🗗 7d 🗗
Russia and Asia	24h 🛮 48h 🗗 7d 🗗	24h 🛮 48h 🗗 7d 🗗
South America	24h 🛮 48h 🗗 7d 🗗	24h 🛮 48h 🗗 7d 🗗
South Asia	24h 🛭 48h 🗗 7d 🗗	24h 🛮 48h 🗗 7d 🗗
South East Asia	24h 🛭 48h 🗗 7d 🗗	24h 🛭 48h 🗗 7d 🗗
Southern Africa	24h 🛭 48h 🗗 7d 🗗	24h 🛭 48h 🗗 7d 🗗
USA (Conterminous) and Hawaii	24h 🛭 48h 🗗 7d 🗗	24h 🖸 48h 🖸 7d 🖸

Source: earthdata.nasa.gov

Global Human Settlements

- Cuts raster data for each country
- Overlaps with fire data set
- Takes mean settlement values in a buffer around each fire



Maps

- Select data for each country
- Map data for a given country
- Use Django to display maps (in progress)

Example of fire map (Colombia)

