

# Space Agency Data

Global Imagery Browse Services: <https://nasa-gibs.github.io/gibs-api-docs>

NASA FIRMS Map: <https://firms.modaps.eosdis.nasa.gov/map/#d:2023-10-07;@0.0,0.0,3.0z>

NASA FIRMS: <https://firms.modaps.eosdis.nasa.gov/space-apps-2023>

FIRMS NASA Country Yearly Summary: <https://firms.modaps.eosdis.nasa.gov/country/>

NASA Earth Observatory FireMap: [https://earthobservatory.nasa.gov/global-maps/MOD14A1\\_M\\_FIRE](https://earthobservatory.nasa.gov/global-maps/MOD14A1_M_FIRE)

NASA EarthData FIRMS MCD14DL-NRT: <https://www.earthdata.nasa.gov/learn/find-data/near-real-time/firms/mcd14dl-nrt#ed-firms-attributes>

## References

Red Bear Lab Bluetooth Shield Information for Arduino:

<https://github.com/RedBearLab/BLEShield>

Android Studio Bluetooth Permissions:

<https://stackoverflow.com/questions/67722950/android-12-new-bluetooth-permissions>

Android Bluetooth Setup Information:

<https://developer.android.com/guide/topics/connectivity/bluetooth/setup>

Research Connection between Arduino and database:

<https://icreateproject.info/2014/12/14/arduino-save-data-to-database/>

Research Arduino: Display data over local network:

<https://icreateproject.info/2014/08/19/arduino-display-data-over-local-network/>

Sending data from Arduino to PC using Bluetooth: <https://forum.arduino.cc/t/sending-data-from-arduino-to-pc-using-bluetooth/372326/1>

Research BLE SDK Arduino: <https://github.com/Cheong2K/ble-sdk-arduino/tree/RBL>

Saving Arduino Serial Data to a .txt file: <https://www.youtube.com/watch?v=RWgyCcnUxPY>

Research How to Connect Arduino Board to WiFi Network:

<https://www.youtube.com/watch?v=vRfuJ2yEb0>

Arduino SPI library information: <https://docs.arduino.cc/learn/communication/spi>

Research on Usual Humidity and Temperature values in Forest Fires:

<https://oroel.com/actualidad/la-regla-del-30-en-un-incendio/#:~:text=Qu%C3%A9%20es%20la%20regla%20del%2030%20en%20los%20incendios%20forestales&text=Si%20nos%20centramos%20en%20concretar,Humedad%20relativa%20menor%20al%2030%25>

Research on CO2 Air Usual values and when there is Fire:

<https://www.iqair.com/es/newsroom/air-pollution-and-co2-monitoring-in-schools>

Map representation of data passed: <https://kepler.gl/>

DHT Sensor Library for Arduino: <https://www.arduino.cc/reference/en/libraries/dht-sensor-library/>

Adafruit Unified Sensor for Arduino: <https://www.arduino.cc/reference/en/libraries/adafruit-unified-sensor/>

Map data ©2023 Google: <https://www.google.com/maps/>

Send data from the Arduino to the SQL Database:

<https://www.youtube.com/watch?v=fRNKrEdmnkg>