



Data Jam Resources

Would you like to data jam using data from your region? Here is a list of some user-friendly, online databases with national datasets. You can use them to find data for your next data jam project. We also suggest partnering with local scientists as a great way to get involved with local and up-to-date research, and you get the support of an expert!

[Community Collaborative Rain Hail and Snow Network](#)- CoCoRaHS is a community science program that collects data on precipitation all over the country. Click “Daily” or “Multiday” to see daily precipitation data tables from the locations and time periods of your choice, or explore using the map. cocorahs.org

[eBird](#)- eBird is a community science program that collects data on birds around the country. You can use the Explore tools to find data from your county or birding hotspots near you. Select “Hotspots” to view a map, select locations, and see lists of recent sightings. Alternatively, select “Bar Charts” to select a location or county and view how frequently species are sighted there. The graph icon next to the species name takes you to detailed data on that species in that location. ebird.org/explore

[Nature’s Notebook](#)- This is a community science program that studies phenology, or the seasonal patterns in nature. Use the visualization tool to see where and when plants are in different phenophases across the US. There are several interesting data visualizations on this page, or click on the “Data Explorer” to create scatter plots and activity curves (a graph with dates on the X-axis) using data from your local area. You can explore the relationships between plant activity (e.g., when are they flowering, leafing out or losing leaves) and several measures of climate like seasonal temperature and precipitation. <https://www.usanpn.org/nn/connect/visualizations>

[NOAA Global Monitoring Laboratory](#)- This site has global atmospheric greenhouse gas measurements and greenhouse gas measurements from the Mauna Loa Observatory, Hawaii, which is home to the longest continuous direct measurements of carbon dioxide in the atmosphere. <https://www.esrl.noaa.gov/gmd/ccgg/trends/>

[NOAA Interactive Atmospheric Data Visualization](#) This site has greenhouse gas measurements from monitoring sites all around the world. Red dots show sites where greenhouse gasses are currently being monitored. Select a monitoring site, then, on the right side of the screen click on a variable being measured there and then choose “Time series.” On the next screen, click submit to see a graph. <https://www.esrl.noaa.gov/gmd/dv/iadv/>

[Southwest Climate Hub Precipitation and Temperature by County](#)- This interactive map allows you to find current and predicted future climate data for counties in the US. Data includes seasonal and annual precipitation, and minimum and maximum temperatures. <https://swclimatehub.info/data/county-temp-precip-maps/precipitation>

[USGS Water Data](#)- On the Current Conditions page, click on the map to locate water meters in rivers across the country, select a metering site to discover how much water is flowing in a river today and in the past. <https://waterdata.usgs.gov/nwis/rt>