**WEATHER- AND CLIMATE- RELATED GIS DATA RESOURCES**

**GIS Tutorial for Atmospheric Sciences:** [**https://gis.ucar.edu/projects/course-introduction-gis**](https://gis.ucar.edu/projects/course-introduction-gis)

* **NCAR GIS Program Climate Change datasets, CCSM simulations**

[**http://gis.ucar.edu/data/climate**](http://gis.ucar.edu/data/climate)

* **NCAR GIS Program Climate Data Catalog**

<http://tds.gisclimatechange.ucar.edu/thredds/catalog/catalog.html>

* **NOAA Climate Information and Scientific Data**

[**https://www.climate.gov/**](https://www.climate.gov/)

* **NOAA Geospatial Data Resources:**

<http://www.nws.noaa.gov/gis/geospatial_data_resources_2007.pdf>

* **NOAA National Operational Hydrologic Remote Sensing Center Interactive Snow Information:**

<http://www.nohrsc.noaa.gov/interactive/html/map.html>

* **NOAA National Operational Hydrologic Remote Sensing Center National Snow Analyses KML Data:**

<http://www.nohrsc.noaa.gov/earth/>

* **NOAA National Operational Hydrologic Remote Sensing Center GIS Data Sets:**

<http://www.nohrsc.noaa.gov/gisdatasets/>

* **NOAA National Weather Service GIS Data Portal:**

<http://www.nws.noaa.gov/gis/>

* **NOAA National Weather Service GIS Geodata:**

<http://www.nws.noaa.gov/geodata/>

* **NOAA Climate Prediction Center GIS Data:**

<http://www.cpc.ncep.noaa.gov/products/GIS/GIS_DATA/>

* **NOAA Weather Prediction Center KML Data:**

<http://www.wpc.ncep.noaa.gov/kml/kmlproducts.php>

* **NOAA Weather Prediction Center Shapefile Data:**

<http://www.wpc.ncep.noaa.gov/html/about_gis.shtml>

* **NOAA National Centers for Environmental Information Geoportal:**

<http://gis.ncdc.noaa.gov/geoportal/catalog/main/home.page>

* **NOAA Storm Prediction Center SVRGIS Data:**

<http://www.spc.noaa.gov/gis/svrgis/>

* **NOAA National Centers for Environmental Information Virtual Globe Data:**

<http://www.ncdc.noaa.gov/oa/kml/>

* **NOAA National Severe Storms Laboratory Warning Decision Support System – Integrated Information:**

<http://wdssii.nssl.noaa.gov/>

* **NOAA National Snow and Ice Data Center Google Earth Data:**

<http://nsidc.org/data/google_earth/>

* **NOAA National Environmental Satellite, Data, and Information Service GIS Data:**

<http://www.ospo.noaa.gov/Products/imagery/gis.html>

* **NOAA National Weather Service WFO Birmingham, AL GIS Data:**

<http://www.srh.noaa.gov/bmx/?n=gis>

* **NOAA National Weather Service WFO Columbia, SC GIS Data:**

<http://www.erh.noaa.gov/cae/GIS.php>

* **US Drought Monitor GIS Data Archive:**

<http://droughtmonitor.unl.edu/MapsAndData/GISData.aspx>

* **US Forest Service Fire Detection GIS Data:**

<http://activefiremaps.fs.fed.us/gisdata.php>

* **PRISM Climate Group 4.5 km gridded monthly climate data, PRISM:**

[**http://www.prism.oregonstate.edu/**](http://www.prism.oregonstate.edu/)

* **ORNL 1 km gridded daily climate data, Daymet:**

[**https://daymet.ornl.gov/https://daymet.ornl.gov/**](https://daymet.ornl.gov/https://daymet.ornl.gov/)

* **U.S. Federal Government Climate Resilience Toolkit:**

[**https://toolkit.climate.gov/**](https://toolkit.climate.gov/)

* **US Forest Service Fire Data in Google Earth:**

<http://activefiremaps.fs.fed.us/googleearth.php>