

## Drought Tools and Resources

# for Agricultural Producers



### Drought Tools



**United States Drought Monitor** – nationwide regional drought status, updated weekly. Also includes a tab to view more details about areas of agriculture in drought status (Ag in Drought tab).

<https://droughtmonitor.unl.edu/>

**U.S. Drought Monitor Tutorial:**

<https://drought.unl.edu/Education/Tutorials/Usdm.aspx>



**Drought Impacts Toolkit** – one-stop shop for monitoring drought impacts.

<https://droughtimpacts.unl.edu/>



**Grass-Cast** – Rangeland forage production forecasts for the Great Plains, New Mexico, and Arizona. Updated every two weeks during the growing season.

<https://grasscast.unl.edu/>

**Grass-Cast Tutorial:**

<https://grasscast.unl.edu/Outlook/Read.aspx>



**Ranch Drought Monitoring Dashboard** – designed around answering key questions for drought monitoring and management for ranchers in the Southwest.

<https://drought.unl.edu/ranchplan/Monitor.aspx>



**Managing Drought Risk on the Ranch** – drought planning tools for Great Plains ranchers, including example drought plans from around the region.

<https://drought.unl.edu/ranchplan/Overview.aspx>



**MyRAINge Log** – A tool to help you track your actual rainfall, specifically designed around the type of infrequent, cumulative precipitation observations often collected at remote, rangeland sites.

<https://myraingelog.arizona.edu/>



**CoCoRaHS** – Community Collaborative Rain, Hail and Snow Network. A non-profit, community-based network of volunteers of all ages and backgrounds working together to measure and map precipitation (rain, hail and snow).

<https://www.cocorahs.org/>



**Vegetation Drought Response Index (VegDRI)** – A weekly depiction of vegetation stress across the contiguous United States.

<https://vegdro.unl.edu/Home.aspx>



**OpenET** – satellite-based estimates of evapotranspiration (ET) for improved water management across the western United States.

<https://openetdata.org/>

## Other Resources



### **University of Arizona Extension Drought Resources.**

<https://extension.arizona.edu/drought-management-tools-resources-ranchers>



### **University of California Extension Drought Resources.**

[http://ciwr.ucanr.edu/California\\_Drought\\_Expertise/Drought\\_information/](http://ciwr.ucanr.edu/California_Drought_Expertise/Drought_information/)



### **Colorado State University Extension Drought Resources.**

<https://droughtadvisors.org/>



### **New Mexico State University Extension Drought Resources.**

<https://aces.nmsu.edu/drought/index.html>



### **University of Nevada, Reno Extension Drought Resources.**

<https://extension.unr.edu/program.aspx?ID=115>



### **Utah State University Extension Drought Resources.**

<https://extension.usu.edu/drought/>



### **Soil Health Educational Resources**

An extensive list of soil health resources hosted on the NM Healthy Soil Working Group page.

<https://www.nmhealthysoil.org/educational-resources/>



### **The Dust Mitigation Handbook**

A one-stop shop for dust mitigation information. Intended for resource managers in USDA and other land management agencies who are struggling with dust challenges and working with producers to craft solutions.

<https://dust.swclimatehub.info/>



### **Wind Erosion Prediction System (WEPS)**

This site provides access to the WEPS software version used for official purposes by NRCS field offices and Technical Service providers.

<https://www.nrcs.usda.gov/resources/tech-tools/wind-erosion-prediction-system>