

Mesonet Resources Seminar

Overview: The Montana Climate Office (MCO) operates a network of climate monitoring stations throughout Montana. The station data and data application tools are available through the Mesonet Dashboard. The MCO Drought Indicators Dashboard maps variables used to complete weekly drought assessments. MCO data, data application tools, and maps are produced to support multiple agricultural and resource management decisions.

Seminar Topics:

- Mesonet network and technologies
 - o Agrimet and Hydromet Subnetworks
 - o Instruments and Measurements
 - o Soil Moisture Monitoring
- Navigating the Mesonet Dashboard
 - o Mesonet Resources Page
 - Agricultural Tools
 - Mesonet Tutorials
 - o Interactive Map of Current Conditions
 - o Station Data Page
 - Locating a Station
 - Selecting Variables to Display
 - Exploring Plots
 - Hydromet Photos
 - o Ag Tools
 - o Data Downloader
 - o Satellite Indicators
 - o Feedback, Learn More, Share Plot
- Drought Indicators Dashboard
 - o Overview and Resources
 - o Main Mapping Site
 - o Variables and Metadata
 - o Drought Impacts Reporter

Suggested Preparation for Training Seminars:

Review these MCO and Montana DNRC webpages

- **MCO Homepage:** <https://climate.umt.edu/>
- **Mesonet Resources:**
<https://climate.umt.edu/mesonet/> Mesonet Resources, Tutorials, Dashboard
- **Montana Drought Management:**
<https://drought.mt.gov/>
- **Drought Impacts Reporter:**
[nrис.mt.gov/droughtimpacts](http://nris.mt.gov/droughtimpacts)
- **Drought Resources:** <https://climate.umt.edu/drought/> Tutorials, Dashboard

