



Online Drought Tools and Resources

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Current Monitoring Data and Tools

Tool	URL
U.S. Drought Monitor	http://droughtmonitor.unl.edu/
Midwest Climate Watch	http://mrcc.isws.illinois.edu/cliwatch/watch.htm
cli-MATE	http://mrcc.isws.illinois.edu/CLIMATE/
State climate offices	https://www.stateclimate.org/
Monthly Great Plains and Midwest Climate/Drought Webinars	http://mrcc.isws.illinois.edu/multimedia/webinars.jsp
High Resolution Drought Trigger Tool	http://climate.ncsu.edu/drought
Drought Indices	
Crop Moisture Index	http://www.cpc.noaa.gov/products/analysis_monitoring/regional_monitoring/cmi.gif
Estimated Precipitation Needs	http://www.cpc.noaa.gov/products/analysis_monitoring/regional_monitoring/addpcp.gif
Evaporative Stress Index (ESI)	https://www.climate.gov/maps-data/dataset/evaporative-stress-index-maps
Evaporative Demand Drought Index (EDDI) (<i>experimental product</i>)	http://wwa.colorado.edu/publications/reports/EDDI_2-pager.pdf
Keetch-Byram Drought Index	http://mrcc.isws.illinois.edu/VIP/indexKBDI.html
Palmer Drought Severity Index	http://www.cpc.noaa.gov/products/analysis_monitoring/regional_monitoring/palmer.gif
Palmer Z-Index	https://www.ncdc.noaa.gov/oa/climate/research/prelim/drought/palmer.html
Standardized Precipitation Index	https://www.ncdc.noaa.gov/oa/climate/research/prelim/drought/spi.html
Vegetation Drought Response Index (VegDRI)	http://veg dri.unl.edu/
Regional/Nationwide Network Data	
Regional/national data networks	http://mrcc.isws.illinois.edu/data_serv/dataNetworks_regl.jsp
USDA Soil Moisture Maps	http://www.cpc.ncep.noaa.gov/products/monitoring_and_data/topsoil.shtml

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VIC Soil Moisture	http://www.hydro.washington.edu/forecast/monitor/
NLDAS Drought Monitor Soil Moisture	http://www.emc.ncep.noaa.gov/mmb/nldas/drought/
USGS Streamflow Data	http://waterdata.usgs.gov/nwis/rt
USGS Groundwater Data for the Nation	https://waterdata.usgs.gov/nwis/gw
RiverGages.com: Water Levels of Rivers and Lakes (USACE)	http://rivergages.com/
Water Resources Data (USACE)	https://water.usace.army.mil/
Condition Monitoring Reports from CoCoRaHS	http://www.cocorahs.org/ViewData/ListconditionmonitoringReports.aspx
Evapotranspiration Data from CoCoRaHS	http://www.cocorahs.org/Content.aspx?page=et
Potential Evapotranspiration from the Regional Mesonet Program	http://mrcc.isws.illinois.edu/cliwatch/mesonets/soilTemp.html
State-Specific Data	
State mesonet data	http://mrcc.isws.illinois.edu/data_serv/dataNetworks.jsp
Illinois High-Resolution Precipitation Data	http://www.isws.illinois.edu/atmos/statecli/mpe-maps/mpe-maps.htm
STORMS (State of Ohio Rain Monitoring System)	http://storms2.ema.state.oh.us/home.php
Sector-Specific Resources	
Forest Service Fire Danger Maps	http://www.wfas.net/index.php/fire-danger-rating-fire-potential--danger-32
Percentage of Crops and Livestock Located in Drought (USDA)	https://www.usda.gov/oce/weather/Drought/AgInDrought.pdf
USDA Weekly Weather and Crop Bulletin	http://www.usda.gov/oce/weather/pubs/Weekly/Wwcb/

Drought Forecast or Outlook Information

Tool	URL
CPC Seasonal/Monthly Drought Outlook	http://www.cpc.ncep.noaa.gov/
CPC Monthly Temp/Precip Outlook	http://www.cpc.ncep.noaa.gov/
CPC Seasonal Temp/Precip Outlook	http://www.cpc.ncep.noaa.gov/
CPC Soil Moisture Forecast	http://www.cpc.ncep.noaa.gov/soilmst/mrf.shtml
CPC U.S. Hazards Outlook	http://www.cpc.ncep.noaa.gov/products/predictions/threats/threats.php
NWS 3-7 or CPC 6-10 Day Outlooks	http://www.wpc.ncep.noaa.gov/medr/medr.shtml http://www.cpc.ncep.noaa.gov/products/predictions/610day/
National Fire Weather Outlook	http://www.srh.noaa.gov/ridge2/fire/
Teleconnection information like ENSO	http://www.cpc.ncep.noaa.gov/products/precip/CWlink/MJO/enso.shtml
U2U Climate Patterns Viewer	https://mygeoHub.org/groups/u2u/cpv
Eastern Area Coordination Center Outlooks	https://gacc.nifc.gov/eacc/predictive_services/outlooks/outlooks.htm
Farmer's Almanac	http://www.almanac.com/

Online Drought Tools and Resources

Historical Drought Occurrence, Drought Impacts, or Managing Drought

Tool	URL
NDMC Drought Impact Reporter	http://droughtreporter.unl.edu/map/
NDMC Drought Risk Atlas	http://droughtatlas.unl.edu/
NDMC Drought Management Database	http://drought.unl.edu/droughtmanagement/Home.aspx
U.S. Drought Monitor Archive	http://droughtmonitor.unl.edu/MapsAndData/MapArchive.aspx
Regional Climate Center online databases (e.g., ACIS, cli-MATE)	http://www.rcc-acis.org/ http://mrcc.isws.illinois.edu/CLIMATE/
Drought-Ready Communities: A Guide to Community Drought Preparedness	http://drought.unl.edu/Planning/PlanningProcesses/DroughtReadyCommunities.aspx
Climate at a Glance	https://www.ncdc.noaa.gov/cag/
Risk Management Agency Data Indemnity Maps	http://www.rma.usda.gov/data/indemnity/
Useful to Usable (U2U) Decision Support Tools	https://mygeohub.org/groups/u2u