

The background of the slide features a silhouette of several thorny, bare branches against a sunset sky. The sun is low on the horizon, creating a warm orange and yellow glow that transitions into a darker blue at the top. The branches are dark and spiky, creating a stark contrast with the bright sky.

Drought Monitoring Working Group: Activities

Dr. Dave DuBois
Monitoring Work Group Chair

Presented at the Drought Task Force meeting, Sept 30, 2020


Drought Monitoring Workgroup (DMWG) Activities

- Monthly workgroup meetings online
 - Presentations from work group members
 - We maintain a list of 84 contacts who are invited each month (as of Sept 2020)
 - OSE staff uploads all reports during period to DTF website
- Next DMWG meeting on October 20 at 10am
- NWS and DMWG Chair evaluate drought weekly and provide input to US Drought Monitor

Workgroup Agencies Represented

- NOAA National Weather Service
- US Bureau of Reclamation
- US Army Corps of Engineers
- Natural Resources Conservation Service
- US Geological Survey
- Office of the State Engineer
- NM Department of Agriculture
- EMNRD Forestry Division
- USDA Farm Service Agency
- Navajo Nation
- NM State Climate Office/NMSU
- US Drought Monitor author *and others*

NM DMWG reports archived on NM OSE website



***New Mexico
Governor's
Drought Task
Force***

Monthly Status Reports

New Mexico has reached a threshold where we must inform and educate our residents on drought conditions and the impact posed to the environment, our economy, and our health.

Status provided by NM Drought Monitoring Working Group

2020

- [August 2020](#)
- [July 2020](#)
- [June 2020](#)
- [May 2020](#)
- [April 2020](#)
- [March 2020](#)
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https://www.nmdrought.state.nm.us/MonitoringWorkGroup/df_workgroup.php

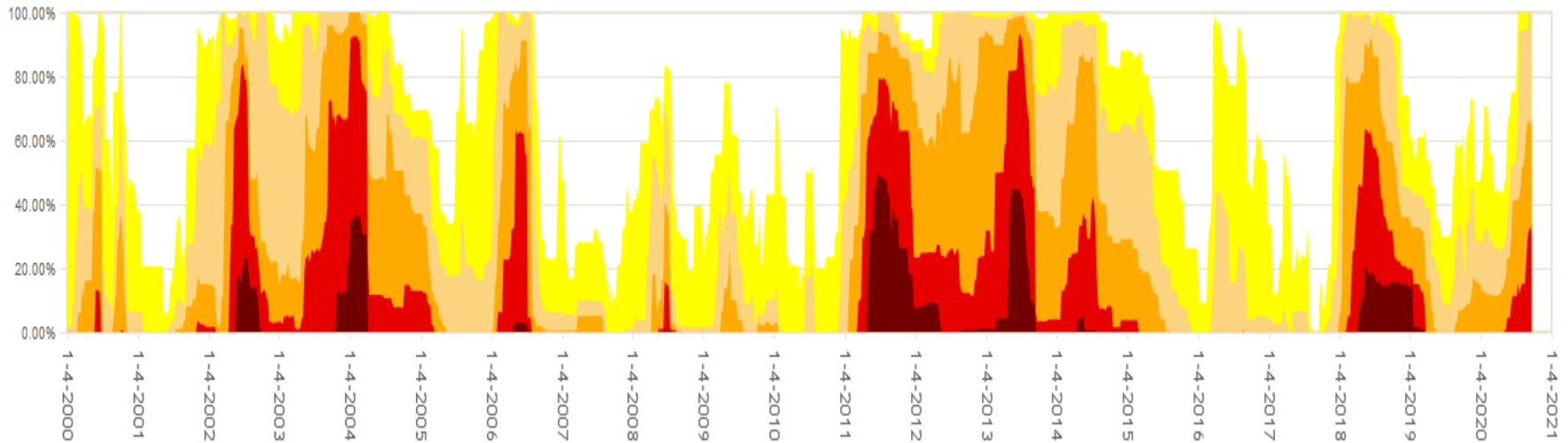
Table 2. Trigger-based drought responses

From the 2018 NM Drought Plan

DROUGHT STAGE	TRIGGER	DROUGHT TASK FORCE MEETING SCHEDULE	RESPONSES
WATCH		DTF convenes yearly	<ul style="list-style-type: none"> • DMWG meets monthly • Work groups meet as directed by the DTF to provide updates to SDC • SDC provides annual updates to the DTF, and as requested • DTF provides annual updates to the Governor, and as requested
EMERGENCY	50% or more of the state is at D2 levels or higher as documented by the USDM	DTF convenes twice a year and receives updates on previous water year	<ul style="list-style-type: none"> • DMWG continues to meet monthly • Work groups continue to meet as directed by the DTF to provide updates to SDC • SDC provides quarterly updates to the DTF, and as requested • DTF considers making recommendation to Governor to issue an Executive Order <ul style="list-style-type: none"> ○ DMWG determines whether to make an Executive Order recommendation to DTF ○ factors considered: percent of state in D3, D4; duration; impacts
EXCEPTIONAL	20% or more of the state is at D4 levels as documented by the USDM	DTF convenes at same interval as during Emergency Stage, with additional meetings as necessary	<ul style="list-style-type: none"> • DMWG continues to meet monthly • Work groups continue to meet as directed by the DTF to provide updates to SDC • SDC provides monthly updates to the DTF, and as requested • DTF strongly considers making recommendation to Governor to issue an Executive Order <ul style="list-style-type: none"> ○ DMWG determines whether to make an Executive Order recommendation to DTF ○ factors considered: percent of state in D3, D4; duration; impacts

US Drought Monitor since 2000

% area of NM in each category of the US Drought Monitor levels



Intensity and Impacts



Drought webinars

Monthly New Mexico Weather Outlook Webinars

10:30 -11:00 am MT

June 25, July 23, Aug. 27 & Sept. 24

Featuring: *Dave DuBois, New Mexico State Climatologist*

These monthly webinar presentations will provide information on current and upcoming weather and climate conditions in New Mexico, with a highlight on conditions on Tribal lands. Agricultural producers and land managers are encouraged to attend. If you are unable to attend the live event the recording will also be available on the [Quivira Coalition](#) and [NIDIS](#) websites.

Register for the webinars here!

<https://register.gotowebinar.com/register/7590421755382798093>

QUESTIONS?

Arielle Quintana, arielle@quiviracoalition.org

Helena Deswood, helena.deswood@usda.gov

Victoria Atencio, victoria.atencio@santaana-nsn.gov



Archived on both NIDIS and NM Climate YouTube channels



Drought outlook webinars

6 videos • Updated today



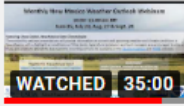
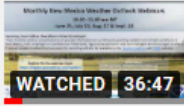
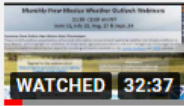
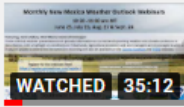
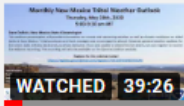
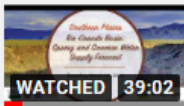
These monthly webinar presentations provided information on past and upcoming weather and climate conditions in New Mexico and the region. We also highlighted conditions on Tribal lands. The presentation were given with agricultural and land managers in mind. These webinars were given in collaboration between The New Mexico Climate Office, USDA Southwest Climate Hub, Quivira Coalition, Santa Ana Department of Natural Resources and NIDIS.



NMClimate

SUBSCRIBED



1		New Mexico September 2020 Weather Outlook Monthly Webinar National Integrated Drought Information System WATCHED 35:00
2		New Mexico August 2020 Weather Outlook Monthly Webinar National Integrated Drought Information System WATCHED 36:47
3		New Mexico July 2020 Weather Outlook Monthly Webinar National Integrated Drought Information System WATCHED 32:37
4		New Mexico June 2020 Weather Outlook Monthly Webinar National Integrated Drought Information System WATCHED 35:12
5		Monthly New Mexico Tribal Weather Outlook National Integrated Drought Information System WATCHED 39:26
6		Rio Grande Basin: Spring and Summer Water Supply Forecast - March 19, 2019 National Integrated Drought Information System WATCHED 39:02

<https://www.youtube.com/playlist?list=PLeULFe0kVAblahVqPtaP2PG-4SSzbvAJk>