



# Water Workshop

Mendocino County Board of Supervisors

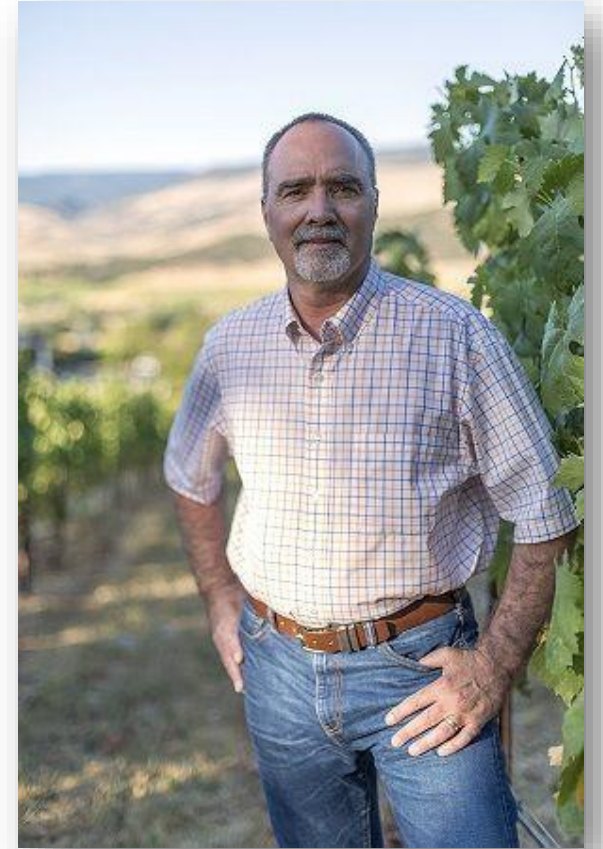
Special Meeting

April 12, 2021

# Our Next County Crisis Has Arrived:



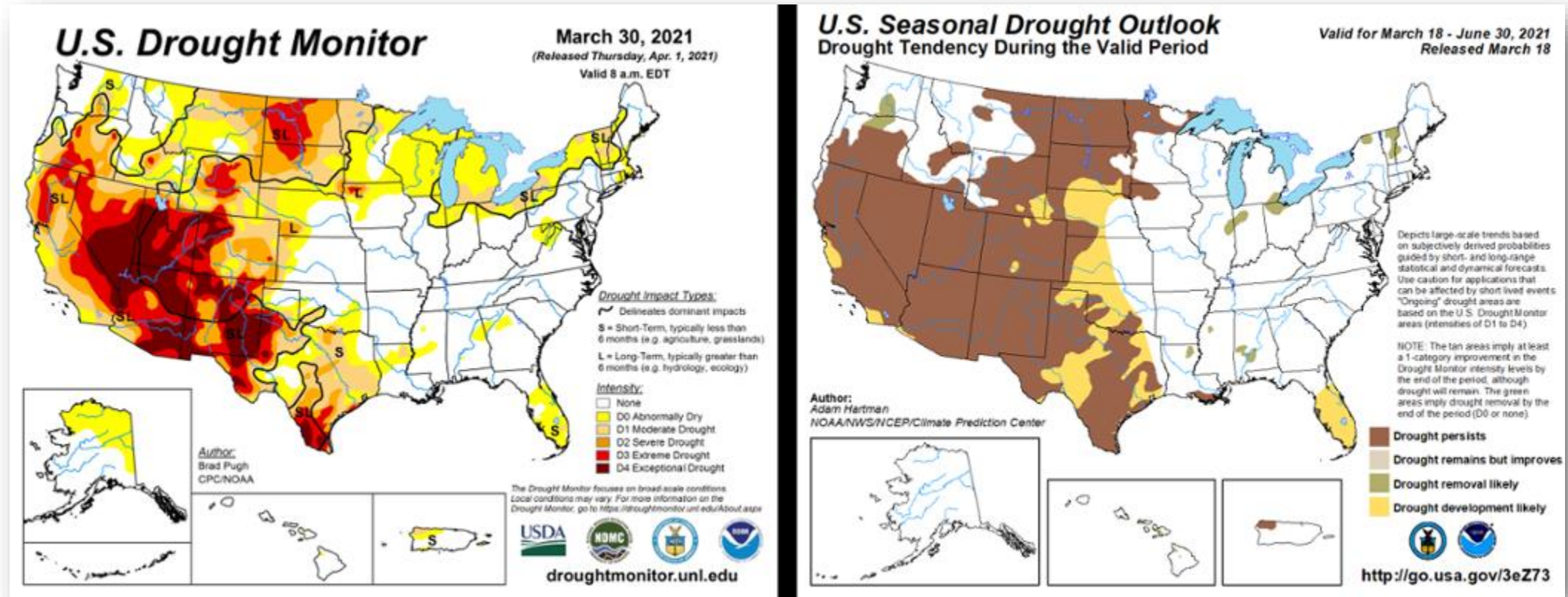
On March 5, 2021 USDA Secretary Tom Vilsack declared California's 58 counties as a primary natural disaster area due to recent drought. This Secretarial disaster declaration allows for farm operations in impacted counties to be eligible for certain assistance available through the USDA Farm Service Agency.



Special Thanks!  
Dr. Gregory Jones,  
Professor of Environmental Studies  
Linfield University  
McMinnville, Oregon

<https://www.linfield.edu/wine/weather-and-climate-reports.html>

# USDA DROUGHT MONITORING





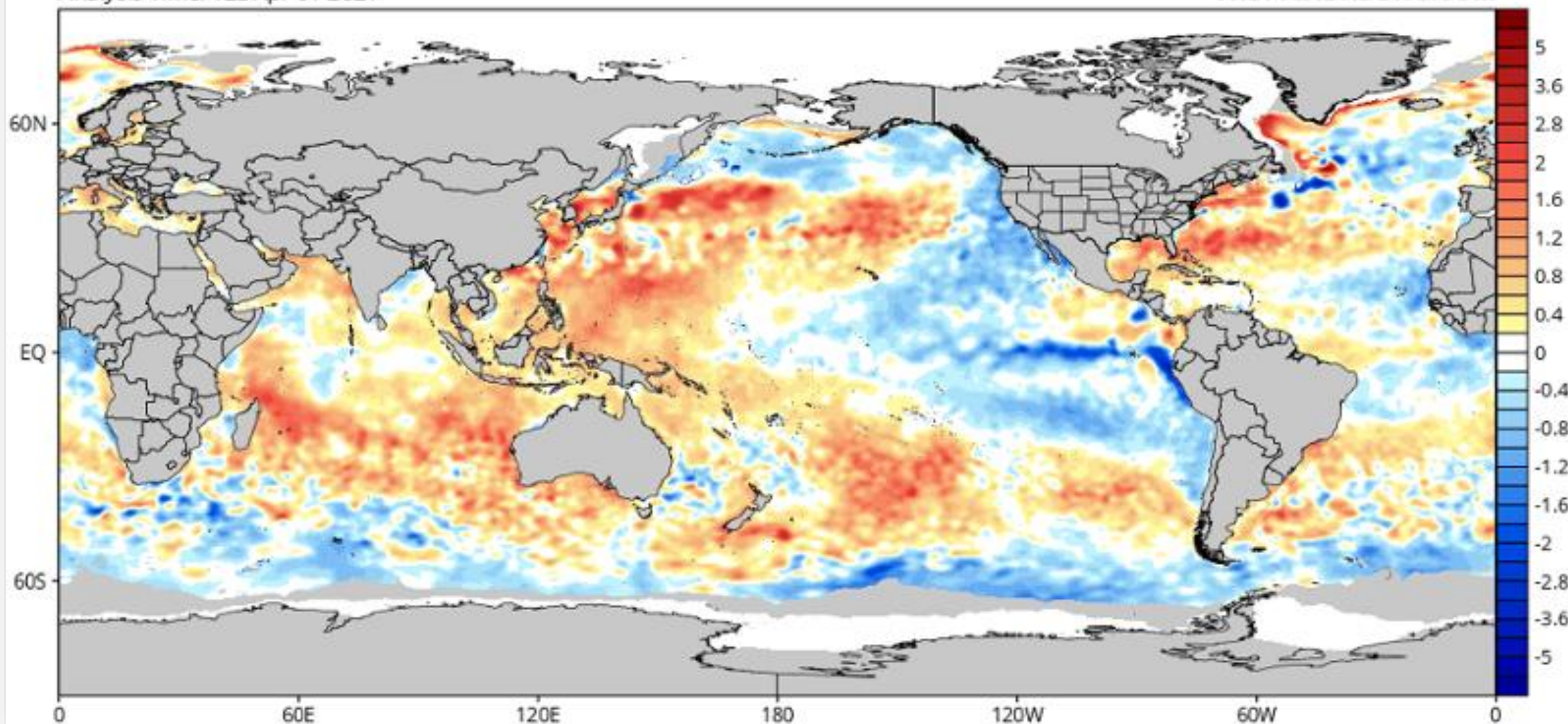
# ENSO AND PDO CONDITIONS



CDAS Sea Surface Temperature Anomaly ( $^{\circ}\text{C}$ ) (based on CFSR 1981-2010 Climatology)

Analysis Time: 12z Apr 01 2021

TROPICALTIDBITS.COM





# Dr. Jones's Forecast:

- Short term: Cool and dry
- Long term: Dry and warm

“La Niña conditions are weakening in the Tropical Pacific. The Gulf of Alaska and the coastal Pacific SSTs have turned colder and are likely to have a strong play on the cool April forecast. If prolonged we are likely to see a slow start to the summer, if fleeting then a rapid warm-up into May/June is ikely.”



# **Ukiah Valley Basin Groundwater Sustainability Agency**



# History of UVBGSA

- California passes Sustainable Groundwater Management Act in 2014 requiring that groundwater basins be managed sustainably (SGMA)
- The purpose of UVBGSA is to take actions deemed necessary to ensure sustainable management of the Basin, as required by SGMA
- Founded in 2017, UVBGSA is a Joint Powers Authority
- Members include Russian River Flood Control and Water Conservation District; City of Ukiah; Mendocino County; Upper Russian River Water Agency





# Agency Composition

- There is a Board of Directors that includes representatives of the JPA members, plus a seat for local tribes and an agricultural representative
- There is also a Technical Advisory Committee to work with consultants on creating a Sustainable Groundwater Management Plan
- Mendocino County supports the UVBGSA with support staff through the Mendocino County Water Agency, assigned to the Department of Transportation



# Activities

- Formation and staffing of the Board and Technical Advisory Committee
- Hiring Larry Walker and Associates as our consultants
- Defining the boundaries of the basin
- Developing a hydrologic model that predicts the behavior of our system, ie: what goes in, what comes out, how things respond
- Development of a monitoring plan including dedicating monitoring wells and equipment. Presently monitoring is being done by Mendocino County RCD.