

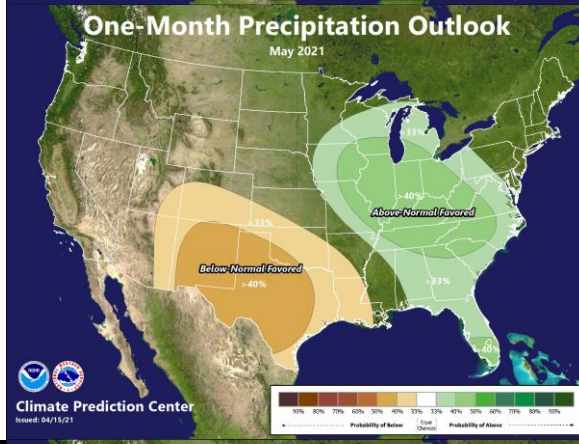
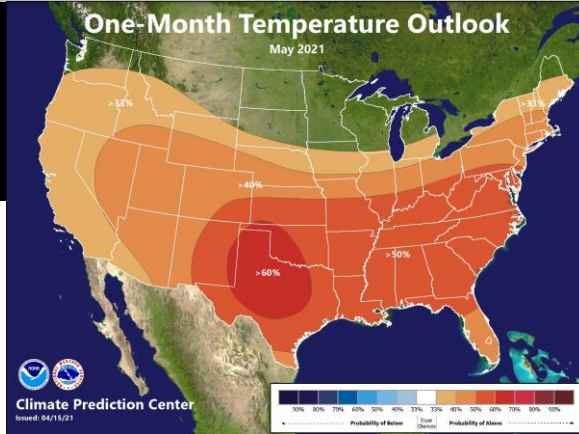


✓ Important Message: La Niña to ENSO Neutral

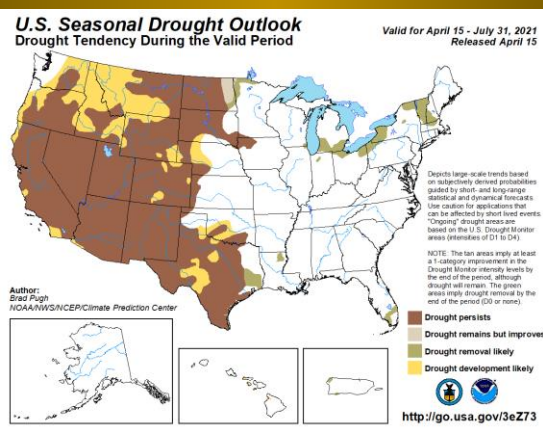
- ✓ The coupled ocean-atmosphere system across the Pacific supports a weakening La Niña. However, a La Niña advisory remains in effect for now.
- ✓ Transition to ENSO Neutral likely (~80% chance) the next few months, with ENSO Neutral persisting through at least early Fall 2021.
- ✓ Some model support for a reemerging La Niña by late fall 2021 or winter 2021-22.

May 2021 Temperature & Precipitation Outlooks

- Above normal temperatures are favored in May across much of the CONUS, although equal chances for above, near, or below temperatures are forecast across the northern CONUS.
- Below normal precipitation is favored in May across portions of the Southern Rockies and Southern Plains, with above normal precipitation favored from the Upper Mississippi River Valley east/southeast through the Mid-Atlantic and southeast CONUS.



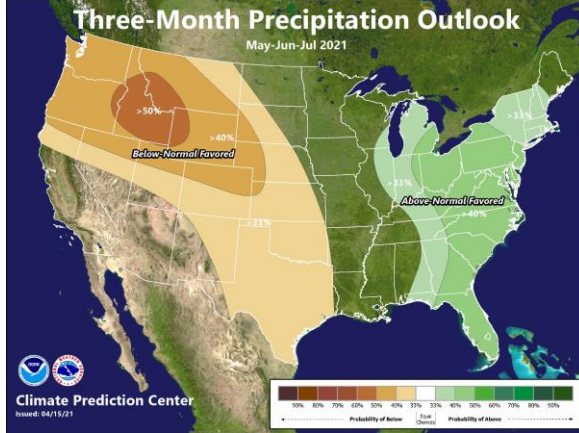
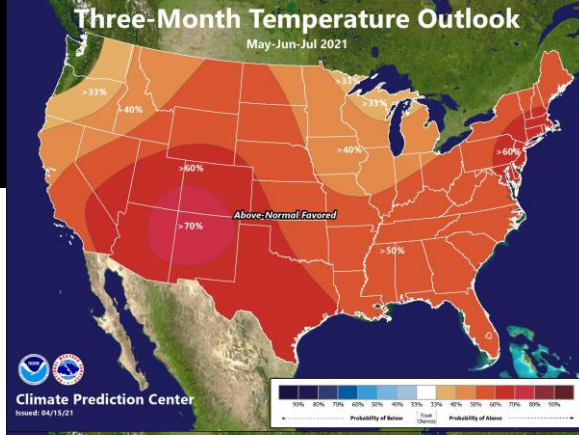
Seasonal Drought Outlook



Long-term precipitation deficits in concert with the long-range outlook favors drought either persisting or developing across much of the West, along with the Northern and Southern Plains.

May – July 2021 Temperature & Precipitation Outlooks

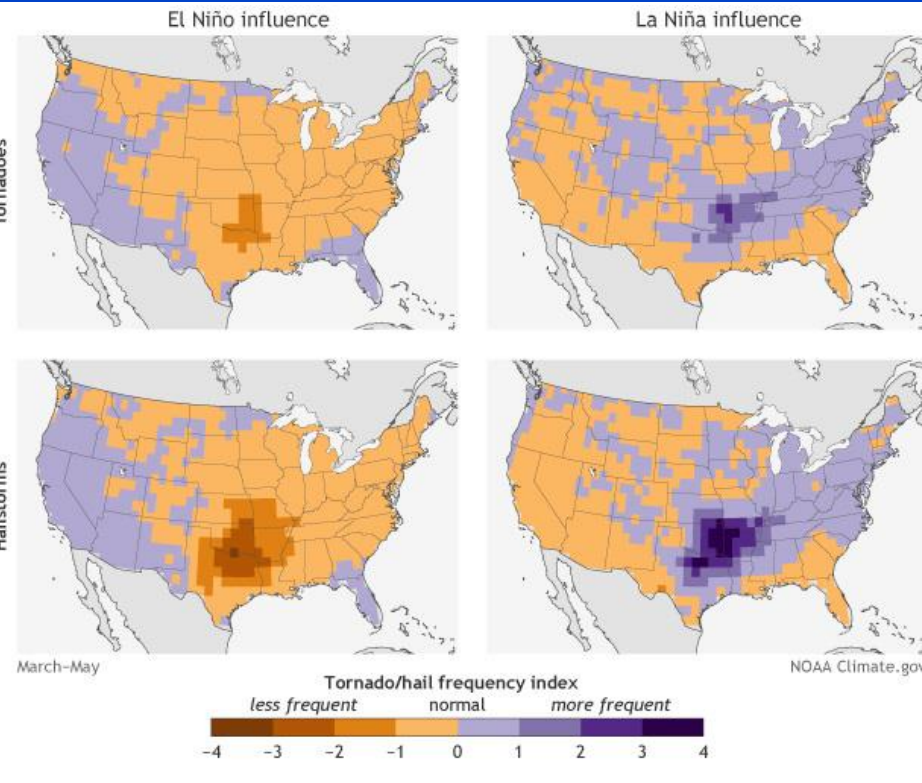
- Above normal temperatures are favored May-July across much of the CONUS, most pronounced across the southwest.
- Below normal precipitation is favored May-July from the Pacific Northwest southeast through the Central/Southern Plains, although most pronounced across the Northwest. Above normal precipitation is favored across much of the Eastern CONUS.



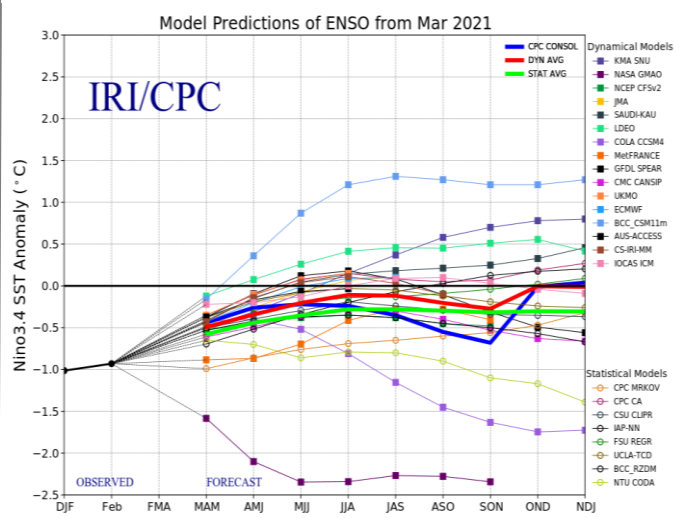
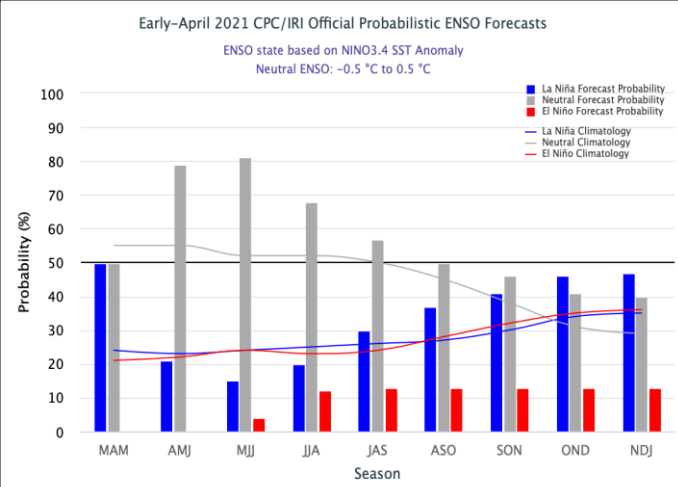


ENSO and Spring Severe Weather

IRI/CPC Probabilistic ENSO Forecast/Plumes



While not a perfect one-to-one correlation, research supports a modest increase in March-May severe weather probabilities during La Niña episodes, especially across the central and south-central CONUS.



Useful Links/Info:

- News from [Climate.gov](https://www.climate.gov)
- [Latest ENSO Blog](https://www.climate.gov/news-features/learning-center/latest-ensoblog) from Climate.gov
- [Sea Surface Temperatures](https://www.climate.gov/news-features/learning-center/sea-surface-temperatures) from the Climate Prediction Center
- [Latest ENSO Discussion](https://www.climate.gov/news-features/learning-center/latest-ensodiscussion) from the Climate Prediction Center
- [Drought Information](https://www.drought.gov/) from the US Drought Monitor
- [Interactive GIS Mapping](https://www.ncei.noaa.gov/monitoring-analysis/interactive-gis-mapping) from NCEI (Anomalies/Rankings)
- [Local Climate Analysis Tool](https://www.localclimateanalysis.com/) (LCAT) – Account registration required
- [NWS Forecast Maps](https://www.westernregion.gov/) from Western Region

- Model and forecaster consensus strongly supports a transition from La Niña to ENSO Neutral within the next few months, with ENSO Neutral persisting through at least early fall 2021.
- While there remains quite a bit of uncertainty, there is some model support for a possible reemerging La Niña by late fall 2021 or winter 2021-22. Stay tuned!

