



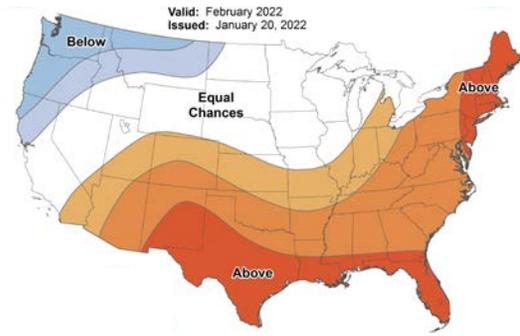
✓ Important Message: Not a "Typical" La Niña

- ✓ Largely a La Niña like forecast reflected in the outlook for February, although the pattern to start off the month is expected to be in transition, with more typical La Niña conditions becoming more prevalent later in the month.
- ✓ There is an added element of uncertainty this month due to possible intra-seasonal variability introduced by the potential re-emergence of the MJO (see the second page for additional details).
- ✓ ENSO neutral conditions favored to return by late spring or summer.

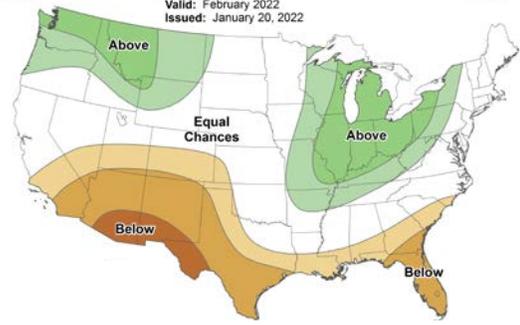
February 2022 Temperature & Precipitation Outlooks

- Above normal temperatures are favored for much of the southern and eastern portions of Central Region this February with equal chances for near, below or above normal temperatures forecast for the remainder of the region. There is a high amount of uncertainty this month.
- Above normal precipitation is favored across much of the Midwest, which is a typical La Niña signal. There are equal chances for near, above or below normal precip across the Central and Northern Plains, with below normal precip favored across the High Plains.

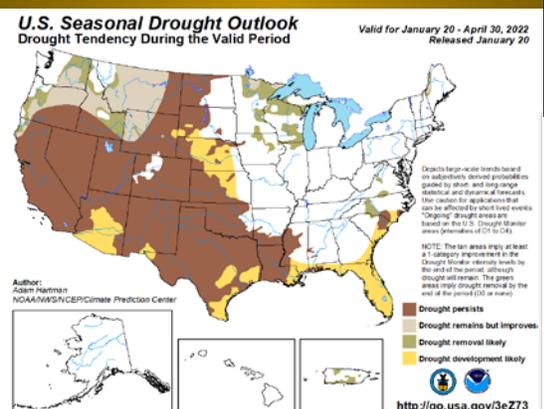
One Month Temperature Outlook



One Month Precipitation Outlook



Seasonal Drought Outlook

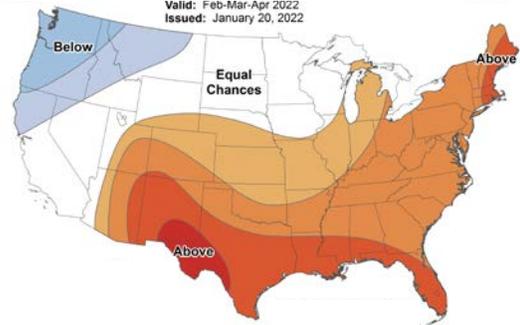


Drought is expected to come to an end across the Great Lakes region and persist or expand across the Central, Northern and High Plains. This is largely a reflection of La Niña conditions favoring above normal precip across the Midwest and a lack of a strong precip signal coupled with above normal temperatures across parts of the Central, Northern and High Plains.

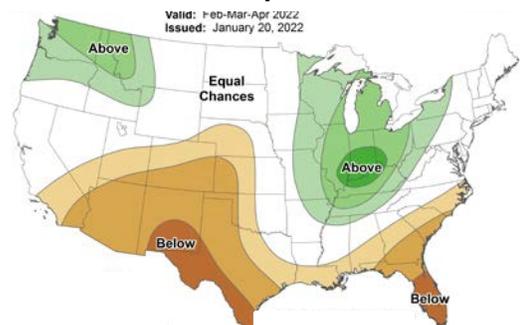
Feb 2022 through April 2022 Temperature & Precipitation Outlooks

- There continues to be a large influence of La Niña on the seasonal forecast with above normal temperatures favored across the central and eastern portions of the region, with near equal chances for above, below or near normal temperatures across the Northern Plains and into the Great Lakes region.
- Above normal precip is favored across much of the Midwest, with a transition to below normal precipitation favored across the High Plains. In between and across the Northern Plains, there are near equal chances for above, below or near normal precipitation.

Three Month Temperature Outlook



Three Month Precipitation Outlook

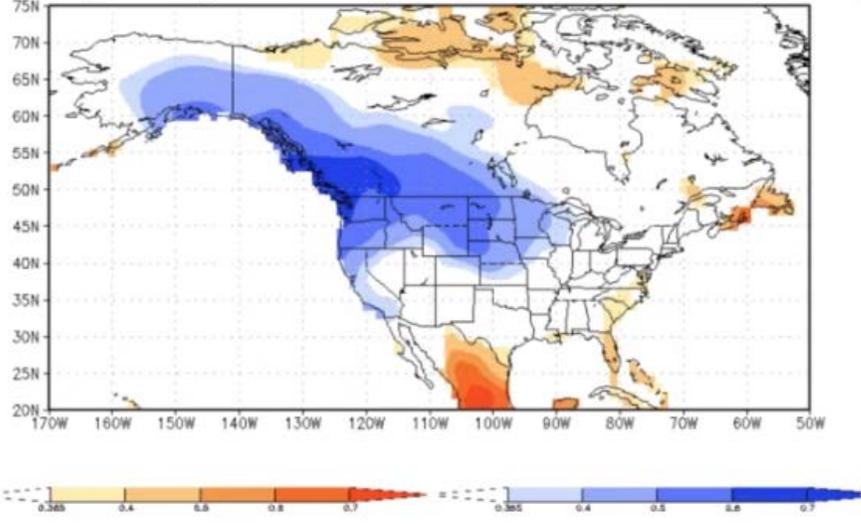




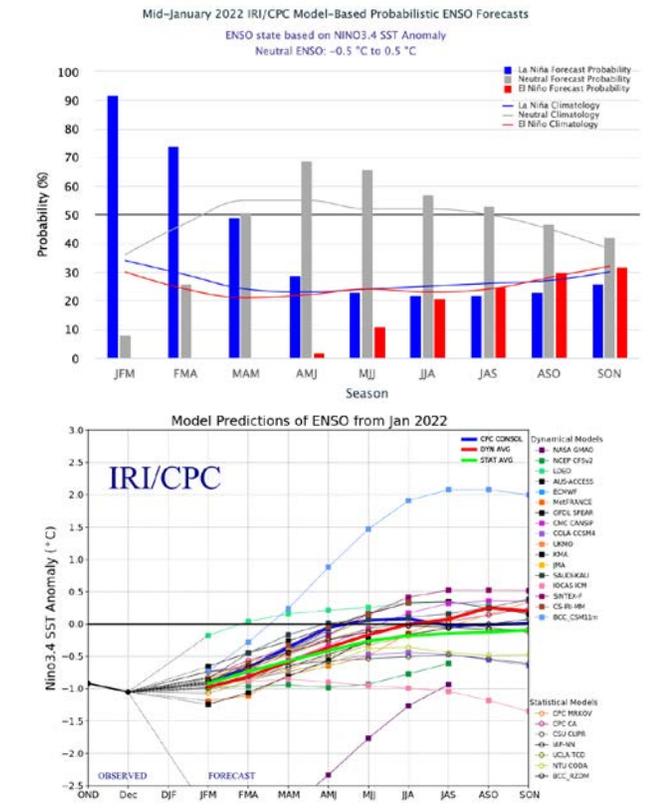
ENSO Status: La Niña Advisory Continues

IRI/CPC Probabilistic ENSO Forecast/Plumes

Monthly ENSO/OCN Temperature Forecast for February



The above plot is a statistical tool for February temperatures based on the ENSO forecast. The pattern going into the month of February is not looking La Niña like, but there could be a pattern shift in the early part of the month to more typical La Niña like conditions. Because of a potential pattern shift, there is added uncertainty this month, which impacts much of Central Region.



- La Niña conditions are in place but are expected to transition into ENSO neutral conditions by late spring or early summer.
- While model predictions favor ENSO neutral conditions developing, there is some precedent for a potential 3rd year of La Niña conditions, although the mid-month update in model predictions has trended warmer than the previous forecast.

Useful Links/Info:

- News from [Climate.gov](https://www.climate.gov)
- [Latest ENSO Blog](#) from Climate.gov
- [Sea Surface Temperatures](#) from the Climate Prediction Center
- [Latest ENSO Discussion](#) from the Climate Prediction Center
- [Drought Information](#) from the US Drought Monitor
- [Interactive GIS Mapping](#) from NCEI (Anomalies/Rankings)
- [Local Climate Analysis Tool](#) (LCAT) – Account registration required
- [NWS Forecast Maps](#) from Western Region

Other Teleconnection Effects

- The MJO is currently not providing forcing in tropical Pacific, but some model signals suggest that it could re-emerge in the central Pacific, which would reinforce typical La Niña impacts. This would in turn have a strong impact on conditions in February, with widespread below normal temperatures possible, increasing uncertainty in this months forecast.

