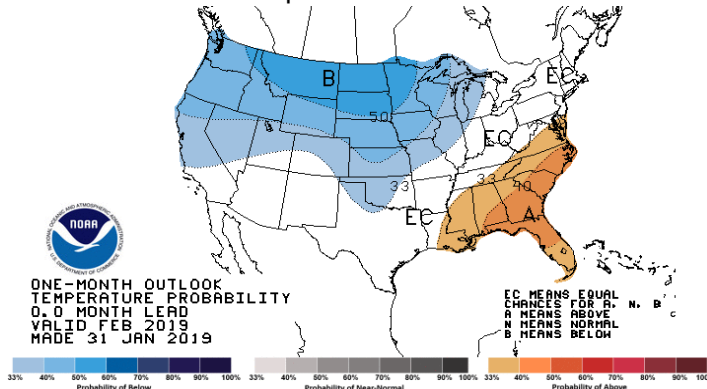
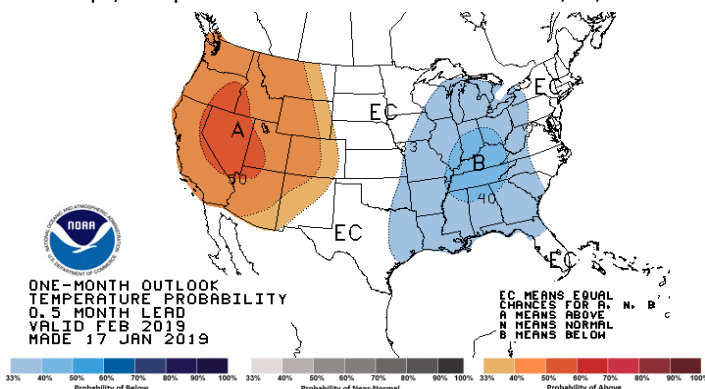


Oh well, so much for a warmer than normal and mainly dry February... which was the long range forecast for California made in mid-January (see maps below). At that time models did hint that the first week of February would be cool and a little wet, but after that models suggested that a strong ridging pattern would set up again over the eastern Pacific and the latter half if not two-thirds of the month would be warm and dry. Toward the end of January the European model began to hint (over a week out) that an unusually cold low would drop down the Pacific Northwest coastline out of western Canada on the 4th/5th following a couple a fairly wet Pacific storms (which is exactly what happened). It even suggested a chance of snow for the northern Sacramento Valley (which could still happen early tomorrow morning). The cold low dropping down the coast today is about a once in 10 year occurrence (it's *that* cold). At that time (1/27) the longer range run of the European model was still suggesting that following a wet and cool week to start out the month of February, that it would still dry up and warm up so that we'd end up with below normal precipitation for the month and that temperatures would still likely average above normal. However, models have flip-flopped now and suggest a cold, wet pattern will continue through mid-February and beyond. The 45 day run of the European model on 1/31 showed multiple cold troughs over the West through the latter half of February and into early March. AND, the new run from today (2/4) is just as "doomy & gloomy" for a cold & semi-wet February, thus increasing forecaster confidence. The maps below depicting a warmer than normal 90 Day Outlook for Feb-Mar-Apr (put out by NOAA on 1/17/19) need to be updated. It's highly unlikely now that they will verify.

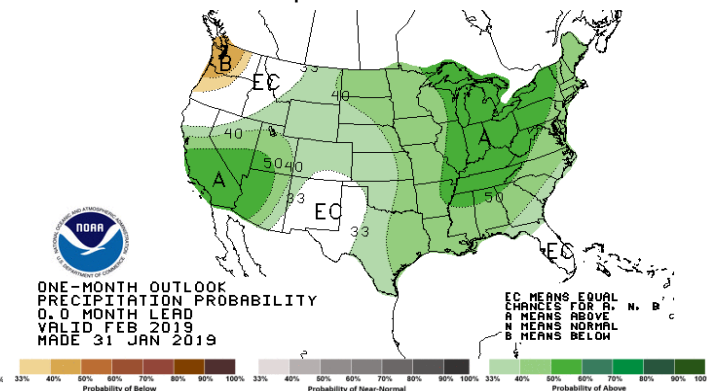
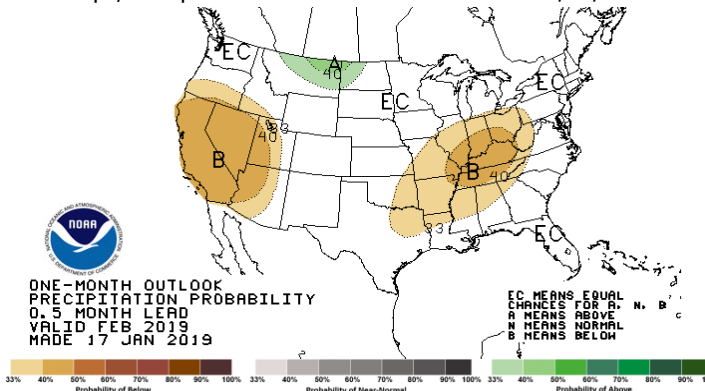
Oops, Temperature Outlook for Feb 2019 from 1/17/19

...and now the Temperature Outlook for Feb 2019



Oops, Precipitation Outlook for Feb 2019 from 1/17/19

...and now the Precipitation Outlook for Feb 2019



90 Day Temperature Outlook for Feb-Mar-Apr

90 Day Precipitation Outlook for Feb-Mar-Apr

