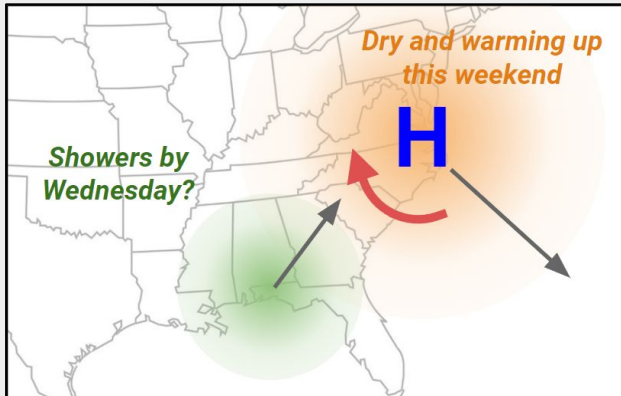


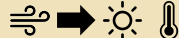
Short-Range Outlook for North Carolina

Week 1:

April 4 to 10, 2024

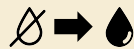


Clearing and Warming



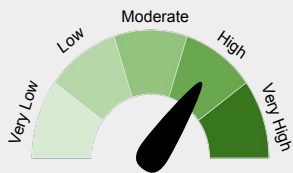
Winds will remain brisk on Thursday and Friday, with gusts of more than 30 mph possible, which could lead to increased fire danger. High pressure moving in will bring calm and sunny conditions through the weekend, warming into the 70s by early next week.

Mostly Dry This Week



Scattered showers are possible Thursday afternoon, but after that, we will enter a dry stretch through the weekend. As high pressure shifts offshore and winds shift to southwesterly, it could open the door for more moisture and a few showers by Wednesday.

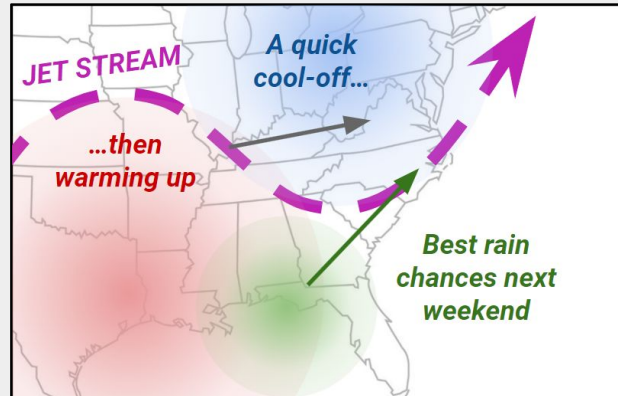
Forecast Confidence



Recent model runs have trended away from widespread rainfall next Tuesday/Wednesday and now show light showers.

Week 2:

April 11 to 17, 2024



Cooling Off, then Warming Up



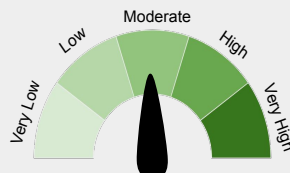
A trough in the jet stream should shift eastward early this week, which could see our temperatures drop to near or slightly below normal levels. After that short-lived cooldown, expect warmer weather to return as jet stream ridging builds in over the eastern US.

Rain Arrives Early



As the troughing pattern moves over us, the storm track should be aligned to bring in weather systems from the Gulf of Mexico. The pattern change may reduce our rain chances, although pop-up afternoon showers and storms may also become more likely.

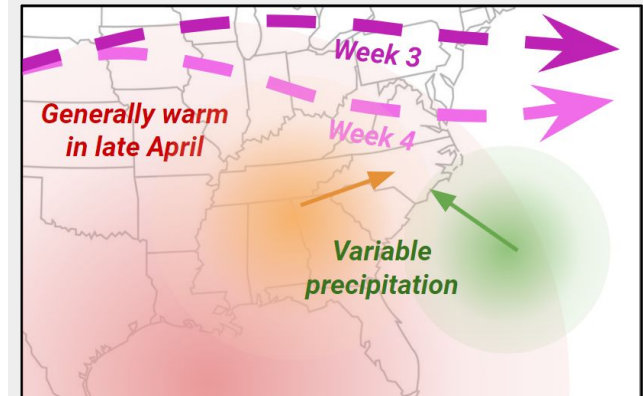
Forecast Confidence



A large-scale pattern change like this one is always hard to predict, but confidence is higher in a wetter start to this week.

Weeks 3-4:

Apr. 18 to May 1, 2024

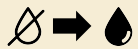


Mostly Warm in Late April



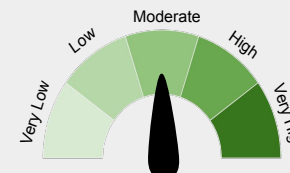
Current forecasts favor the jet stream ridging pattern to remain through week 3, which is shaping up to be warmer for us, before potentially relaxing in week 4 to help moderate our temperatures. Our average highs in late April range from the mid to upper 70s.

Mixed Rain Chances



The best current guidance suggests a variable precipitation pattern over these two weeks in North Carolina. We may start off drier in week 3 under the more prominent ridging setup, but better rain chances may return during the final week of April.

Forecast Confidence



While forecast skill is lower this far out, there is decent agreement among longer-range model forecasts at the moment.