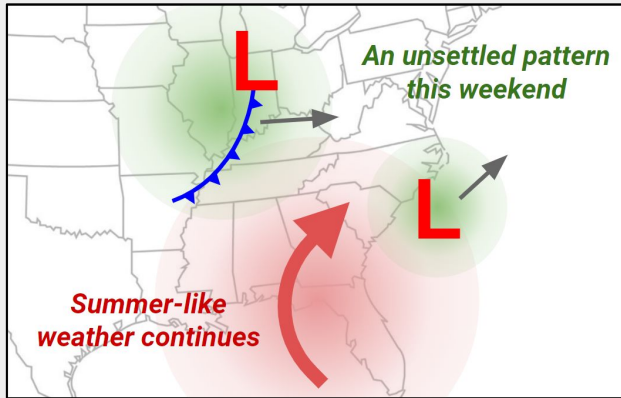


Short-Range Outlook for North Carolina

Week 1:

July 6 to 12, 2023



Summer Heat Persists



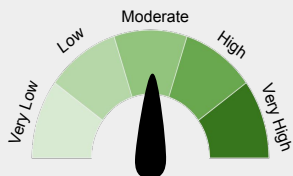
A prevailing southwesterly flow should keep our high temperatures mostly in the low 90s this week. A slight cooldown into the 80s is possible on Sunday and Monday as a cold front moves in from the west, but we should be back into the 90s by Wednesday.

Ongoing Showers and Storms



As low pressure shifts offshore today, showers will linger in the east. A sticky summer air mass should support more rain on Friday, then a cold front will boost our rain chances again by Sunday. Most areas can expect half an inch or more through Monday.

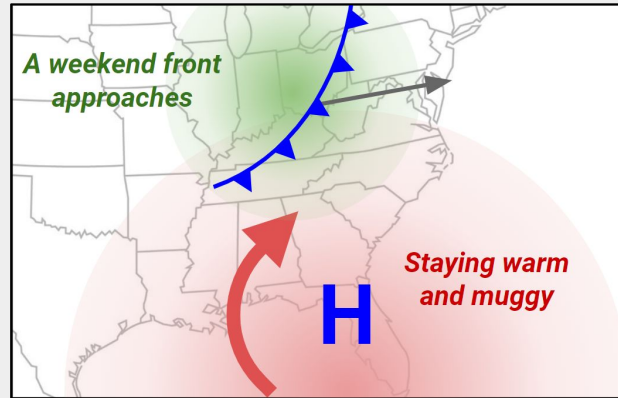
Forecast Confidence



The main uncertainty surrounds the coverage of showers this weekend and potential severe weather chances early next week.

Week 2:

July 13 to 19, 2023



Staying Warm Through Mid-Month



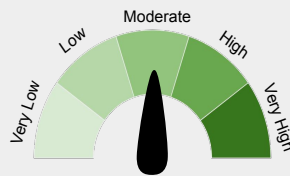
An upper-level ridge developing to our south should keep our weather mostly warm this week. As we approach the climatological hottest part of the year, we can expect high temperatures climbing well into the 90s, along with some warm and muggy nights.

Rain Chances Remain



The continuing southwesterly flow, along with daytime heating, should help spark daily scattered shower activity. By next weekend, at least one cold front is expected to cross the eastern NC, and that could trigger more rain and storms across the state.

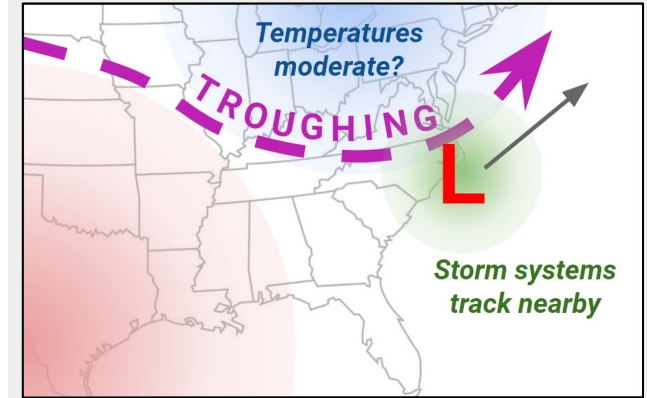
Forecast Confidence



Forecasts are in good agreement about the impending frontal system, but less confident about rain extent or amounts.

Weeks 3-4:

July 20 to Aug. 2, 2023



Cool Weather, Smoke Return?



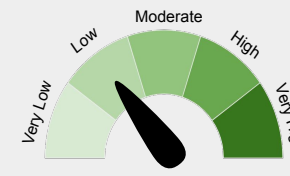
Several forecast models show the return of upper-level troughing over the eastern US by the middle of July. That could turn down the heat by late in the month, but also bring in more smoky air from the northwest as Canadian wildfires continue to burn.

Still in the Storm Track



A pattern shift away from ridging to our south could cut off the feed of shower-supporting Gulf moisture. However, with the jet stream positioned just to our north, storms tracking along it could clip North Carolina and bring some rain later in the month.

Forecast Confidence



Agreement is decent about the cooler week-3 pattern, but some models show hotter temperatures returning by week 4.