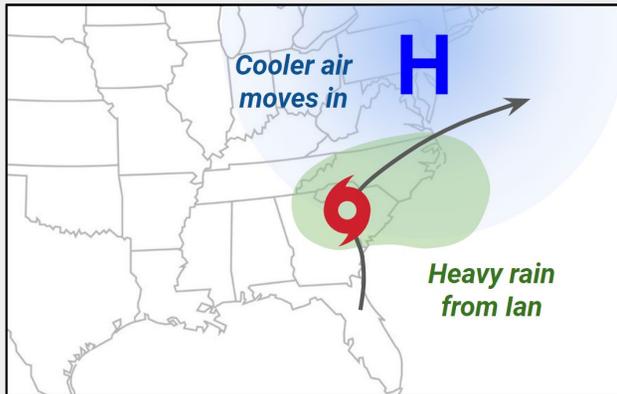


Short-Range Outlook for North Carolina

Week 1:

Sep. 29 to Oct. 5, 2022



Cool and Cloudy



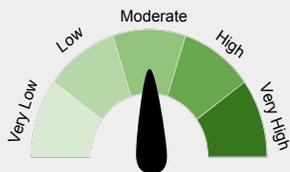
A pair of weather systems will hold our temperatures down this weekend. High pressure to the north will wedge cooler air east of the Appalachians while clouds and rain from the remnants of Ian should help keep our high temperatures mostly in the 60s.

Ian Arrives



As the remnants of Ian move inland, rain will begin in the east today before spreading west on Friday. Statewide totals of 2 to 6 inches are expected, with the highest amounts at the coast. Gusty winds, flash flooding, and isolated tornadoes are also possible.

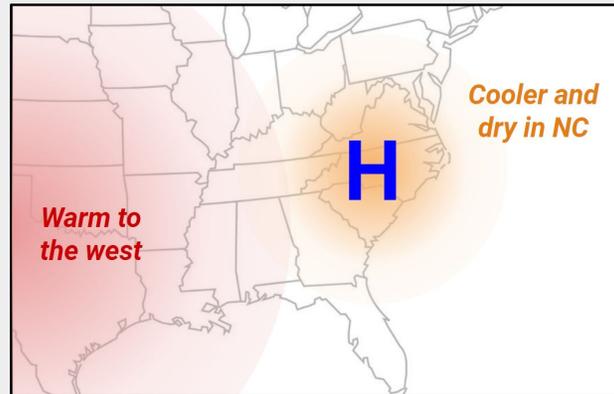
Forecast Confidence



Some areas, likely in the Piedmont, may see lower rainfall totals from Ian, but, it will still have widespread impacts this weekend.

Week 2:

October 6 to 12, 2022



Cooler Weather Continues



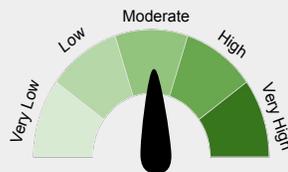
While the Midwest heats up again under a developing jet stream ridge, in North Carolina, we'll be under the influence of a surface high pressure system by next weekend. Expect temperatures to be near to slightly below normal for most of this week.

A Crisp Fall Week



In the wake of Ian, we'll have a chance to dry out, as the local high pressure system should limit our rain chances during the week. This air mass will also be less humid, with the potential for humidity less than 35% and elevated fire danger at times this week.

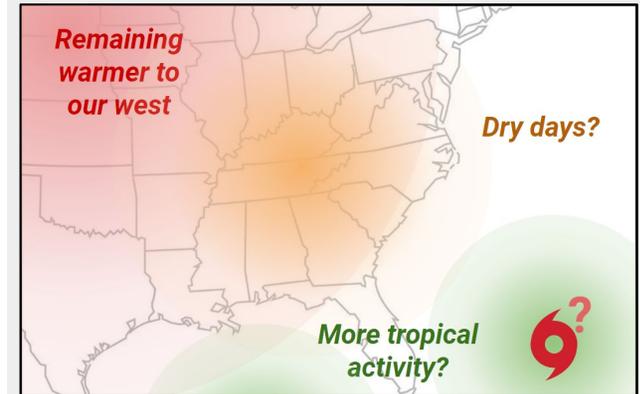
Forecast Confidence



The greatest uncertainty surrounds the weather pattern evolution later this week, including whether we stay dry or see any rain.

Weeks 3-4:

October 13 to 26, 2022



Warm Spells by Late October?



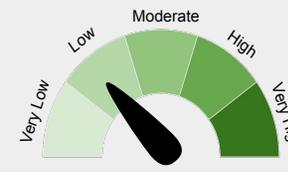
The jet stream ridge is expected to remain over the Midwest during this two-week period. North Carolina may tap into that warmer air, although a return of summer-like heat appears unlikely. Our normal high temperatures range from the upper 60s to low 70s.

Wet or Dry? Maybe Both



Late October could see a mix of warm, dry days and some wetter ones as well, especially if the tropics stay active. Current model guidance slightly favors dry weather toward the end of the month, but as with Ian, one tropical storm could bring significant rain.

Forecast Confidence



Some models have been inconsistent in their forecasts for the eastern US, so overall confidence is lower for this period.