

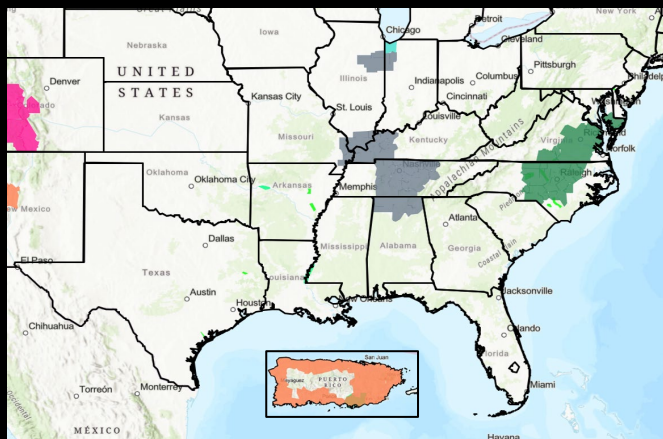


SACC Daily Outlook

Thursday, July 10, 2025

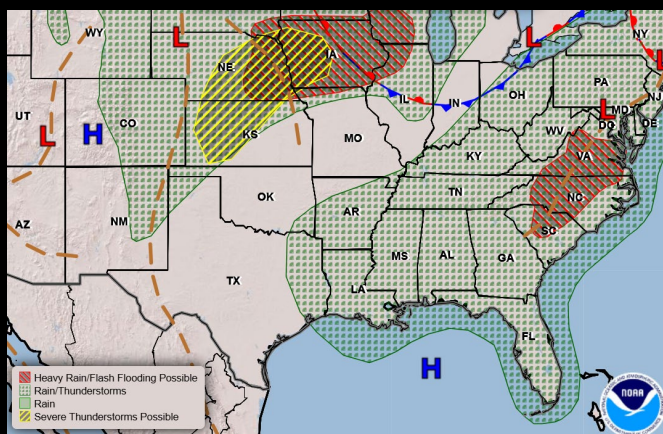


Watches, Warnings and Advisories



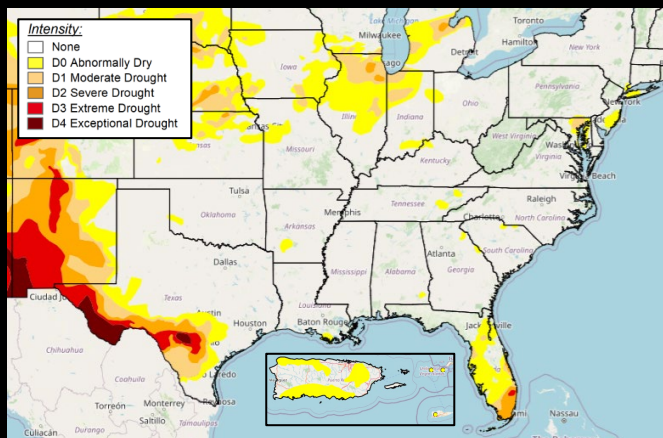
- **Dense Fog Advisory** this morning in AL, TN and KY
- **Flood Watches** continue in VA, NC
- **Flood Warnings/Advisories** in parts of TX, AR, LA, MS, NC
- **Heat Advisory** in PR

Today's Weather Outlook



- Showers and thunderstorms will be most concentrated today in the eastern states, where flash flooding may be likely, especially where soils remain saturated from Chantal and yesterday's heavy rain
- Look for scattered thunderstorms for the rest of the Southeast and Lower Mississippi Valley, while storms will be more isolated to widely scattered over FL
- Most of the Plains will be dry and seasonably hot, with wet weather limited to far eastern and northwestern parts of OK and TX
- Wet weather over parts of the Caribbean islands this morning will give way to a hot and breezy afternoon, with isolated afternoon storms over the higher terrain

U.S. Drought Monitor Update



- This week's drought monitor showed major changes in areas impacted by catastrophic flooding over the Texas Hill Country, with [2- to 3- category improvements](#) common in Kerr County and adjacent areas – just over 10% of TX remains in extreme to exceptional drought
- Rain associated with Chantal's precursor also result in 1- to 2-category improvements over the FL peninsula, though drought worsened in southeast FL, where severe to extreme drought continues – notably where large fires are ongoing this morning
- Spotty areas of abnormal dryness were added to this week's update over southwest OK, southwest AR, southeast AL, northeast GA, northern SC, northern KY, PR and the USVI

Please contact your local [National Weather Service](#) office for spot forecasts and the latest [watches and warnings](#).

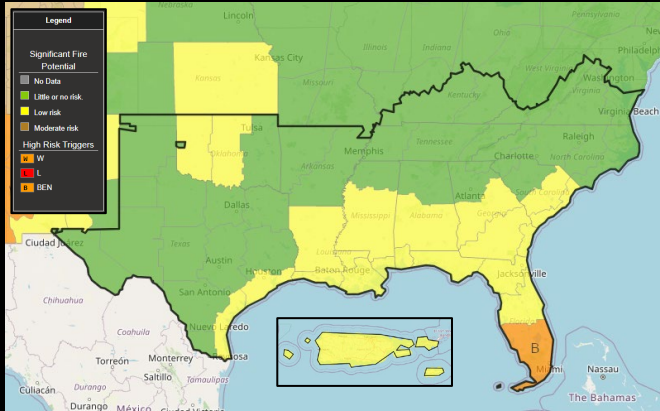


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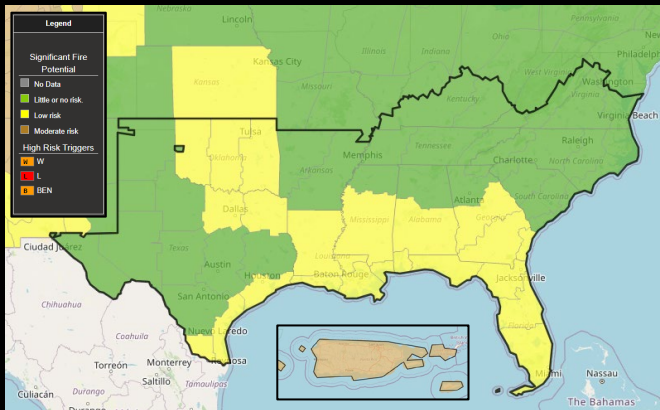


Significant Fire Potential Outlook Today



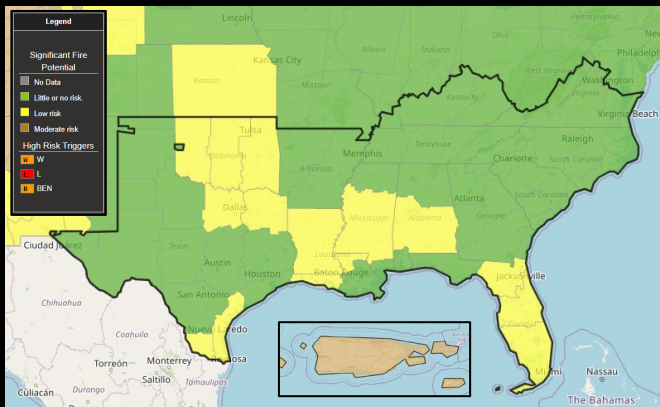
- **South Florida:** the **13 Mile**, **Palm Tree (6)** and **Iron** Wildfires have all remained active overnight and will likely be influenced by hot and unstable conditions, followed by multiple wind shifts from outflow boundaries due to nearby or overhead-developing thunderstorms; significant growth will be possible as a result, while new lightning ignitions also remain possible in areas of ongoing drought
- The rest of the coastal Southeast will see hit and miss thunderstorms today capable of resulting in new ignitions, while outflow boundaries and sea breezes could lead to escaped Rx, as well
- Escaped ag burns will be possible in parts of central and western OK today, with S/SW wind gusts reaching 25-35 mph in northwestern areas and RH as low as 20-25%
- Scattered showers and thunderstorms will affect the Caribbean islands amid otherwise hot and breezy weather

Significant Fire Potential Outlook Friday



- The Plains states will see stronger winds on Friday, with RH as low as 20-30% in OK, higher with south and east extent into TX; S wind gusts of 20-35 mph will be common, locally higher near spotty thunderstorms
- No significant changes are expected along and inland from the Gulf Coast, while rain should decrease the footprint of receptive fuels farther east; most signs point to increased wetting rain over central and southern FL, but if fires remain active, thunderstorm outflows could still impact them
- Look for a slight increase in significant fire potential across the Caribbean as the dry Saharan Air Layer (SAL) limits wet weather and results in lower humidity

Significant Fire Potential Outlook Saturday



- Rainfall the next few days should continue to diminish the footprint of receptive fuels in the Gulf coastal plain, with an increase in wet weather expected over parts of TX and the coastal Southeast
- Showers and thunderstorms will also become more numerous over the FL peninsula, but lightning ignitions will remain possible, and outflow boundaries or sea breezes could continue to impact any ongoing incidents
- Moderate significant fire potential will persist for the Caribbean islands under a continued influence of the SAL

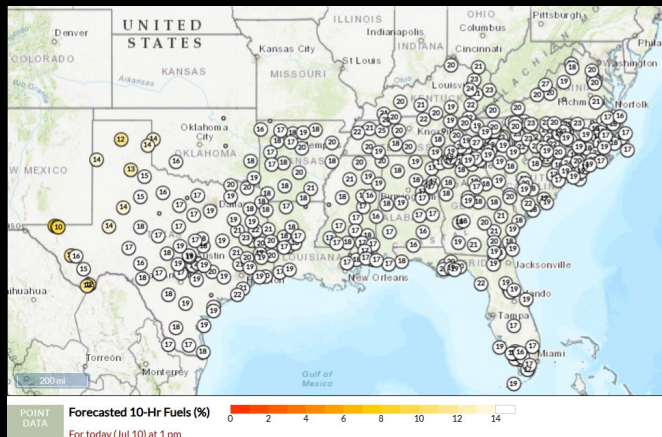


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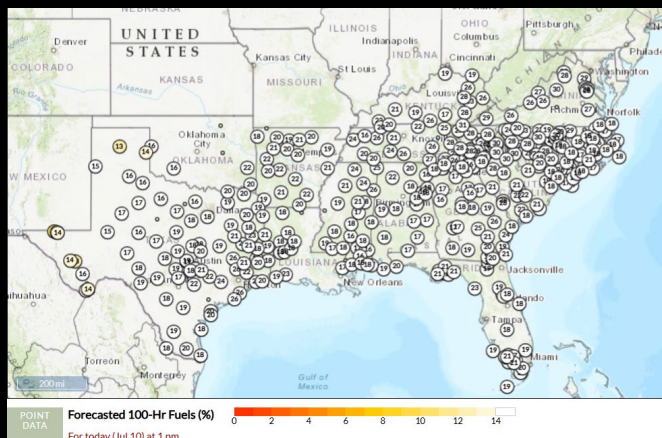


10-Hour Fuels



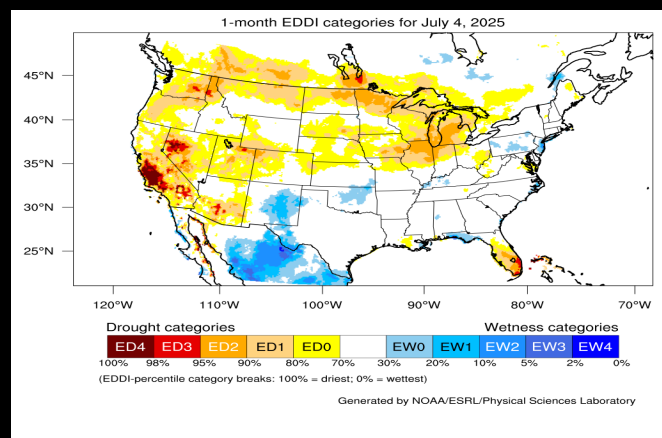
- 10-hour dead fuel moisture for today is depicted
- A brief drying trend will affect the High Plains into central OK today into tomorrow, with much wetter conditions likely to develop this weekend into next week
- Humid air will tend to limit drying elsewhere, though a decreasing trend in fine dead fuel moisture could affect parts of eastern, central and southern TX into western LA heading into next week

100-Hour Fuels



- 100-hour dead fuel moisture for today is depicted
- Unsettled weather conditions will lead to increasing 100-hour fuel moisture in most of the Southeast, with a modest drying trend possible for inland areas next week as wet weather focuses along the central and eastern Gulf Coast
- Most of FL is likely to see an increasing trend in moisture, while the Caribbean islands will see a 3-to-4-day drying trend after today
- Drier conditions in northwestern parts of the geographic area today into tomorrow will be reversed as much wetter weather returns to OK and northwest TX later this weekend and especially next week

30-Day Evaporative Demand



- Persistent wet and humid weather has impacted most of the geographic area, with any dry and hot spells briefly counteracting lower evaporative demand during those periods
- As a result, most of the region has experienced typical conditions for this time of year (in white), while persistent wetness has been the rule over southern and western TX into parts of OK, in addition to the FL panhandle (blue areas)
- Well above average evaporative demand (red) has been concentrated over southeastern FL, in line with the worsening drought there the last few weeks

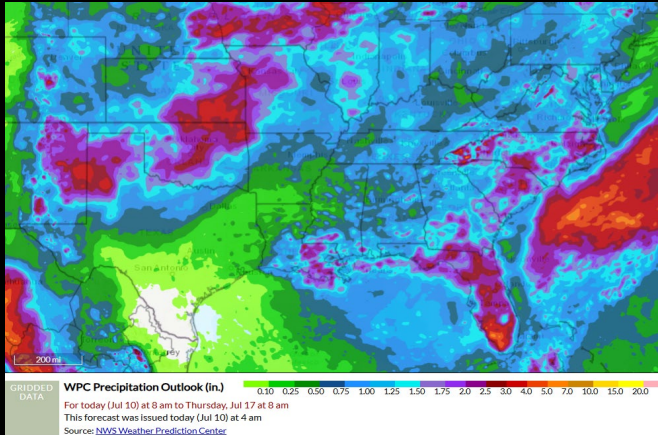


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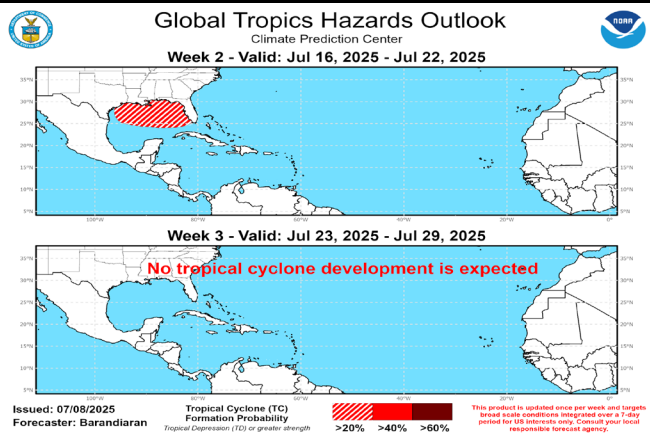


Forecast Rainfall the Next Week



- Southeastern and northwestern parts of the Southern Area are most likely to see unusually wet conditions during the next seven days
- Monsoonal disturbances will increasingly impact the High Plains into OK, with a wavering front acting to focus heavy rain at times this weekend into much of next week – there is some uncertainty in how far south and east rainfall occurs, and some changes to the axis of heaviest rain are possible
- Enhanced sea breeze thunderstorm development will occur the next few days in the Southeast, while a weakening front will shift towards the coastal Southeast next week – wet weather will increase or continue for these areas, with parts of the FL peninsula into the Carolinas expected to see the highest totals
- Some drier areas will be possible across TX into the Mississippi Valley, in addition to the Caribbean islands

Weeks 2-3 Tropical Outlook



- The front settling towards the coastal Southeast next week could potentially lead to low pressure development as it stalls over unusually warm waters
- The CPC is highlighting at least a 20% chance for tropical cyclone development from July 16-22 as a result, but model support for this is more limited than what occurred with Chantal
- Heavy rain will be likely in parts of the coastal Southeast whether or not this system develops
- Otherwise, downward motion is favored across the Atlantic basin, which should limit any other development through the rest of July
- Atmospheric conditions are forecast to become more conducive for tropical cyclones heading into August