

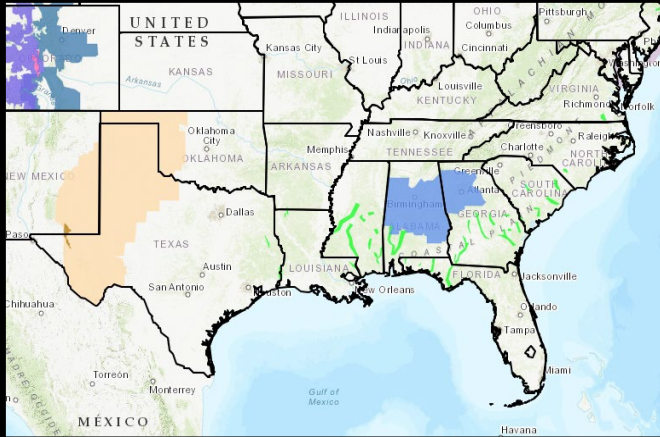


SACC Daily Outlook

Tuesday, March 12, 2024

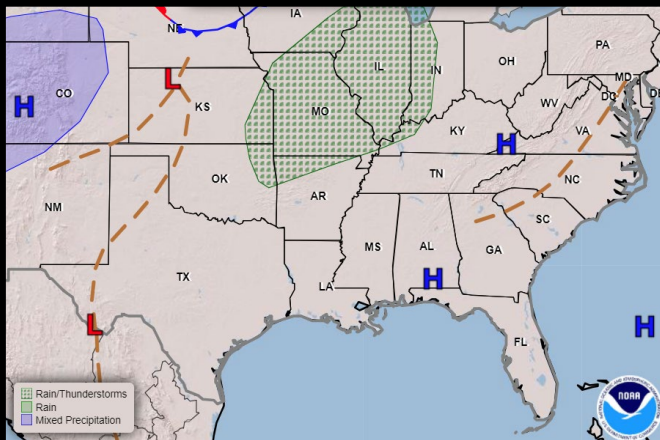


Watches, Warnings and Advisories



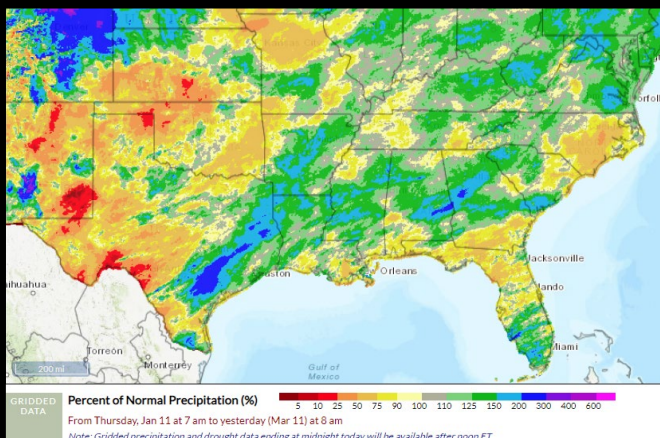
- **Red Flag Warnings:** none
- **Fire Weather Watches:** Wednesday for much of western OK and TX
- **Frost Advisory** this morning in AL and GA
- **High Wind Watch** in the TX mountains tomorrow

Today's Weather Outlook



- Any showers and storms in north-central parts of the region will likely hold off until this evening – isolated severe storms will be possible
- Dry and very warm conditions will expand east from the Plains into much of the rest of the geographic area
- Fire weather concerns will be concentrated in the Plains again, though lighter winds are expected in most areas compared to yesterday
- The risk for IA may increase a bit in the Southeast due to another day of minimum RH in the 10s and 20s; otherwise, Rx could be somewhat restricted along the Gulf Coast into parts of the Southeast due to light winds and poor dispersion – fog could become an issue late tonight in these areas, as well

60-Day Percent of Normal Precipitation



- Precipitation anomalies the past two months are highly variable across the geographic area
- The wettest anomalies are evident across portions of the Gulf states, in addition to most of the Appalachians
- Drier trends are observed in north FL and far south TX, eastern NC, in addition to the Plains
- Areas with less than 25% of normal precipitation include northwest OK, the northeast TX panhandle and portions of West and Southwest TX



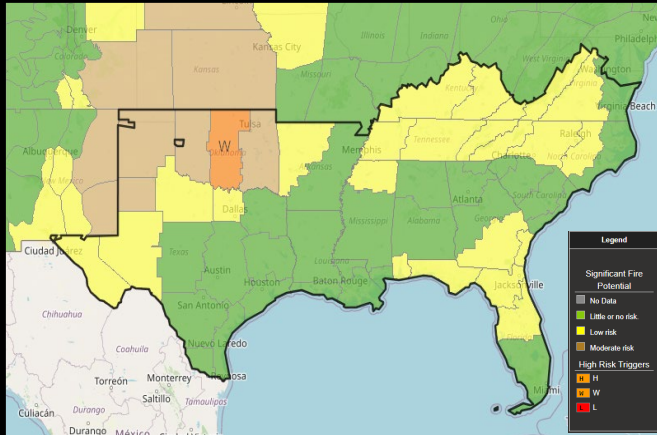
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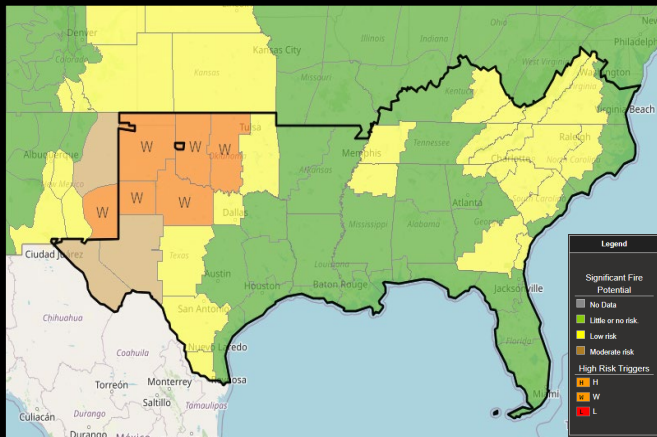
National 7-Day Significant Fire Potential (nwcg.gov)

Predictive Services Significant Fire Potential Today



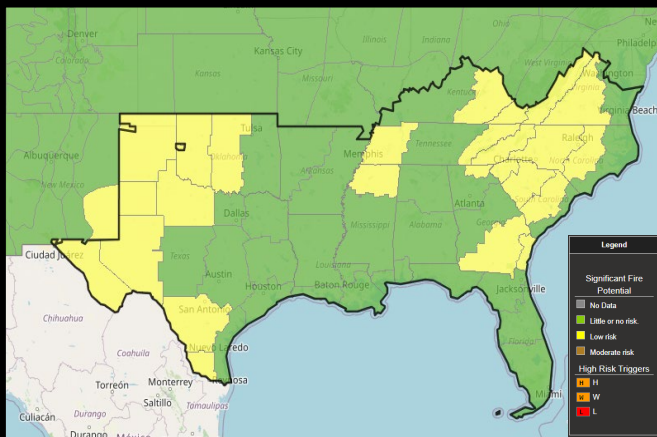
- **HIGH RISK:** recent burning in Osage County, OK, and adjacent portions of north-central OK will see a very warm, dry and windy day; look for RH as low as 15-25% north (40-50% south), with highs near 80 and SW winds gusting up to 40 mph; several hot spots are evident on satellite this morning
- The rest of OK into northwest TX will see a dry and very warm day; winds will be lighter in the panhandles but gustier in eastern OK and western AR, where RH will remain above 45% and recovery is good this morning
- RH as low as 15-30% will continue in the Southeast, with local values as from 8-12% in the Appalachians and Piedmont; winds will generally be light, but fine fuels and leaf litter may support an increase in IA for the Low Risk PSAs indicated

Predictive Services Significant Fire Potential Wednesday



- **HIGH RISK:** Low pressure tracking from CO into KS will allow very warm, dry and windy conditions to expand across the Plains Wednesday, resulting in the potential for a Southern Great Plains wildfire outbreak; fuels will be driest from far western OK into the TX panhandle and western North TX, but rapid drying will occur as far east as central OK in the afternoon; look for RH from 8-20%, with highs in the 70s and 80s and S to SW winds gusting from 30-50 mph, locally higher; the burn period may extend into late evening for some areas, while a wind shift behind a cold front looks to occur overnight – isolated thunderstorms will be possible late in the day, which could produce lightning ignitions and erratic outflow winds
- The rest of West TX including the mountains will see a windy, warm and dry day, but grass loading is near to below normal, generally lowering risks compared to farther north; the Low Risk PSAs in TX and OK will see warm and breezy conditions, but fuels are expected to be less receptive due to higher RH and increasing rain chances late in the day
- Portions of the Miss. Valley that missed out on last week's rain will see a more humid but breezier day
- The Appalachians and Southeast will continue to see dry air along with even warmer temperatures, likely maintaining or increasing the potential for IA and perhaps a large fire

Predictive Services Significant Fire Potential Thursday



- Post-frontal cooler and more humid conditions will work into northwest OK and the TX panhandle, while gusty NW winds will develop and could impact any incidents that may be ongoing
- The rest of West and South TX will see lingering dry and warm conditions, but winds will be light, generally limiting risks compared to tomorrow
- Look for continued dry and warm conditions Thursday in the Southeast, but light winds will continue for most areas, though some higher gusts are likely in MS, TN and KY

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



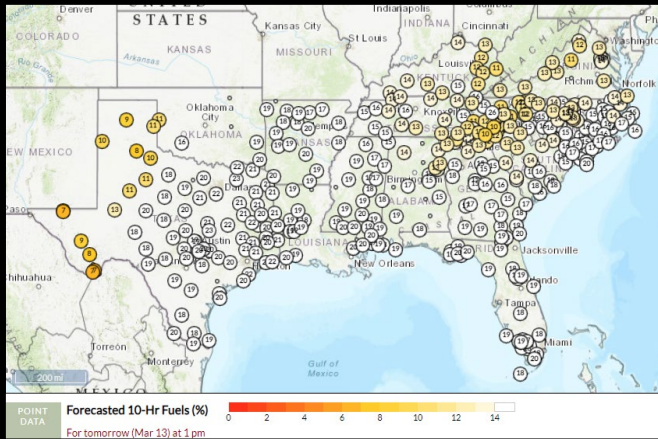
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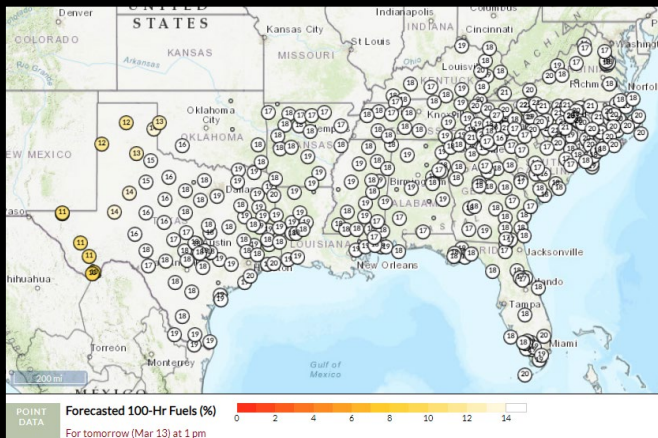
Fire Weather Intelligence Portal (ncsu.edu)

10-Hour Fuels



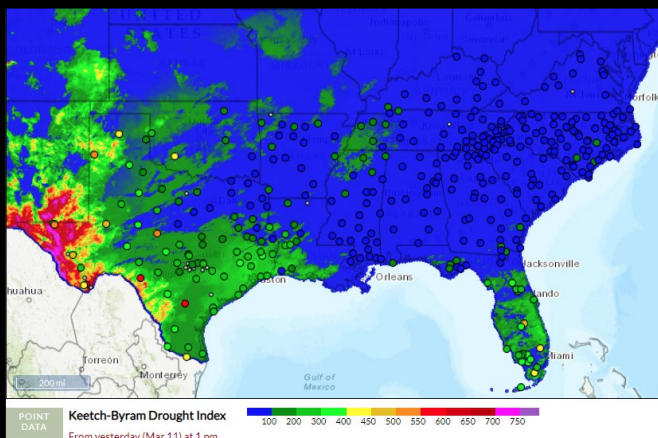
- Fine fuels will remain abnormally dry the next few days across the Appalachians, until rain and higher RH return late in the week
- Central areas will see increasing 10FM the next few days
- West TX and western OK will see 10FM reach a low point on Wednesday in most areas, with increasing values likely thereafter as cooler, more humid and/or rainy conditions return, but another round of drying is anticipated by early next week

100-Hour Fuels



- 100-hour fuels will continue to dry in the Appalachians and Southeast the next few days, though overnight RH recovery will increase in most areas (except perhaps the highest elevations); moisture will increase later in the week
- Look for 100FM to increase after tomorrow in the western parts of the region, while some drying will return to OK and North TX early next week; areas closer to NM, especially in the TX mountains, will see increasing 100FM due to rain/snow and easterly winds

Keetch-Byram Drought Index (KBDI)



- KBDIs remain below 100 for a large part of the geographic area with some pockets of values from 100-200 in areas of the Mississippi Valley that missed last week's abundant rain
- Scattered areas across the FL peninsula and southwest LA into South TX have seen increasing KBDIs, but most of these areas will see rainfall over the next week, except South TX
- KBDIs in far West TX are likely being overestimated due to radar beam blockage; these areas are likely to see improvement late this week into the weekend due to increasing precipitation and colder temperatures

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

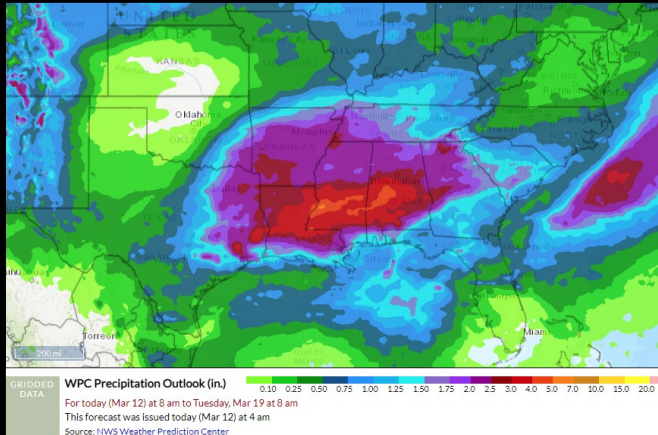


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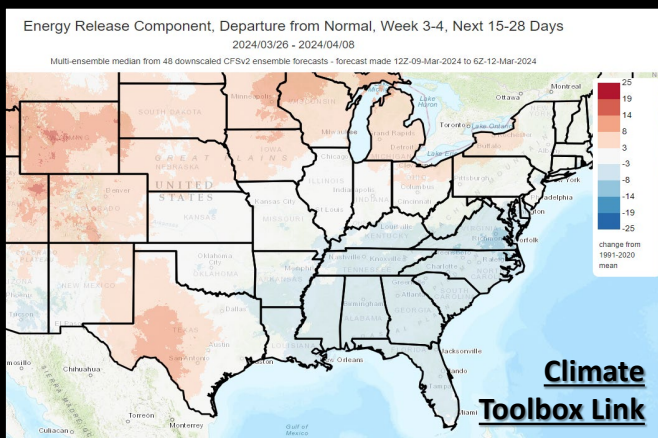


Forecast Precipitation the Next Week



- Multiple rounds of showers and thunderstorms will impact areas from eastern TX and OK into the Mississippi Valley and Southeast into the weekend – some areas are likely to see at least 3-6" of rain, especially from LA into MS and AL
- Precipitation chances and amounts are less certain in South TX and far western TX, while portions of the High Plains may see some light rain or snow Friday into the weekend
- South FL and portions of NC into VA are expected to miss out on this wetter pattern, though the fire environment will feature increasing moisture due to a humid weekend – there are early indications that a wet Nor'easter could impact portions of the East Coast late next week

Week 3-4 Fuels Outlook



- Generally cooler and wetter conditions the rest of March are expected to result in below normal ERCs across central and eastern portions of the region – this model indicates the wettest conditions across VA and NC
- Periods of warmer and drier than normal conditions may maintain above normal ERCs across western TX, while conditions may be more variable in OK, AR and eastern TX
- Forecast weather, BI and 100-hour fuel moisture products are also available at the link to the left