

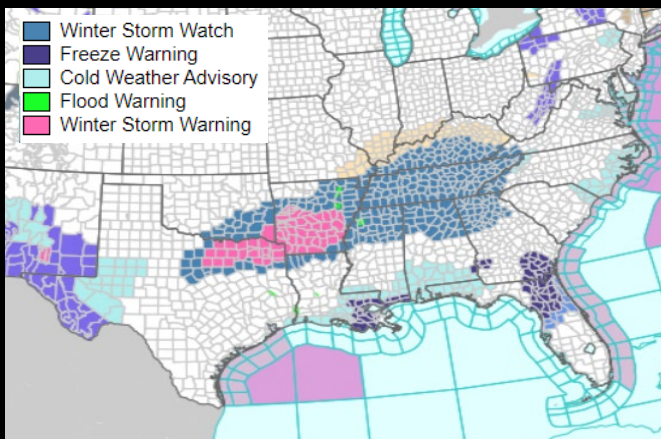


SACC Daily Outlook

Wednesday, January 8, 2025

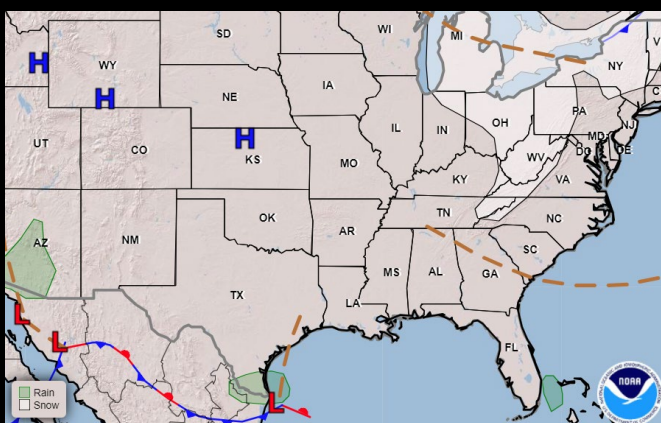


Watches, Warnings and Advisories



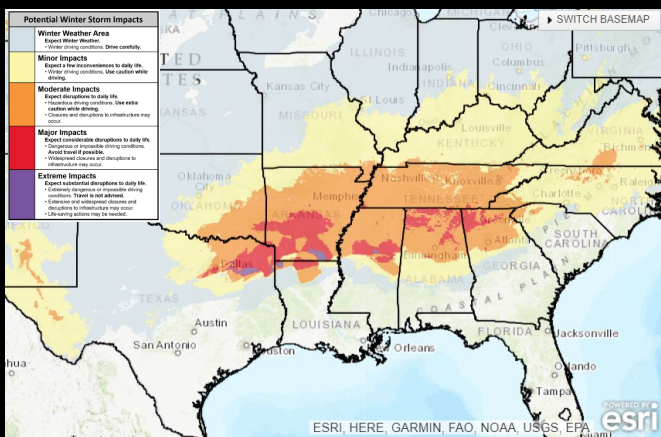
- **Winter Storm Warnings** for northeast TX, southeast OK and much of AR
- **Winter Storm Watches** for parts of TX, OK, AR, LA, MS, TN, KY, AL, GA, NC and VA
- **Winter Weather Advisory, High Wind Warning and Cold Weather Advisory** in West TX
- **Freeze Warnings and Cold Weather Advisories** along the Gulf Coast into south GA this morning
- **Flood Warnings** for rivers in the Mississippi Valley

Today's Weather Outlook



- A reinforcing shot of cold air will move into the Appalachians today, triggering another round of snow showers that could bring an inch or two to the mountains overnight
- Some snow or mixed precipitation may break out late in the day over the Trans Pecos, but a wintry mix will become more likely over West TX tonight
- Spotty showers are possible in Deep South TX; otherwise, the Plains will see one last dry day with low to moderate fire danger
- Dry air and locally breezy conditions will affect the coastal Southeast, extending from FL through GA into the Carolinas, while humidity will be higher in the Mississippi Valley and areas with snow cover to the north

NOAA's Winter Storm Severity Index



- NOAA's Winter Storm Severity Index ([WSSI](#)) valid through Saturday morning is depicted, with impact levels color-coded
- Wintry precipitation that breaks out in West TX overnight will lead to minor or moderate impacts, while snow and ice are expected to become more impactful to travel farther east in the Plains tomorrow, extending into the Mississippi Valley Thursday night
- Heavy snow and ice will spread into the Southeast during the day on Friday, with decreasing impacts expected for the eastern states, but some unsettled conditions may extend beyond Saturday morning in portions of the Carolinas
- Major to possibly extreme impacts will be most likely over northeast TX and far southeast OK into southern AR, far northern LA and scattered portions of northern MS, AL and GA, where freezing rain is most likely – risk levels may increase over MS, TN, AL and GA as confidence increases in the forecast the next couple of days

Please contact your local National Weather Service office for spot forecasts and the latest watches and warnings.

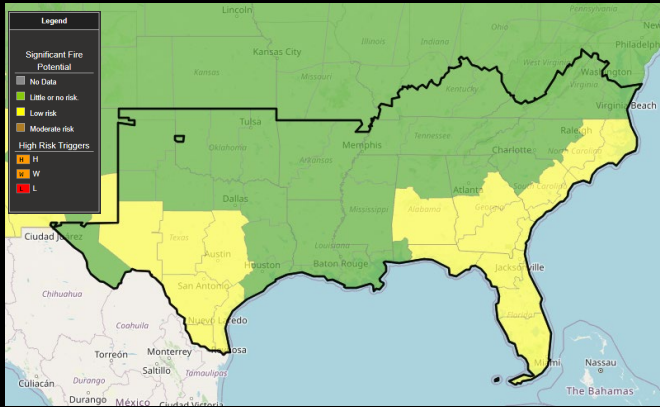


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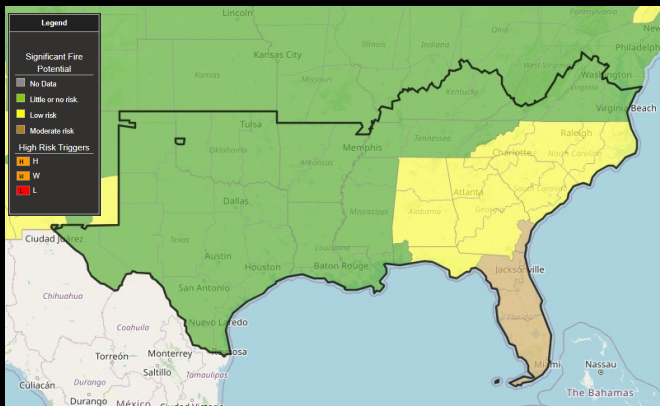


Significant Fire Potential Outlook Today



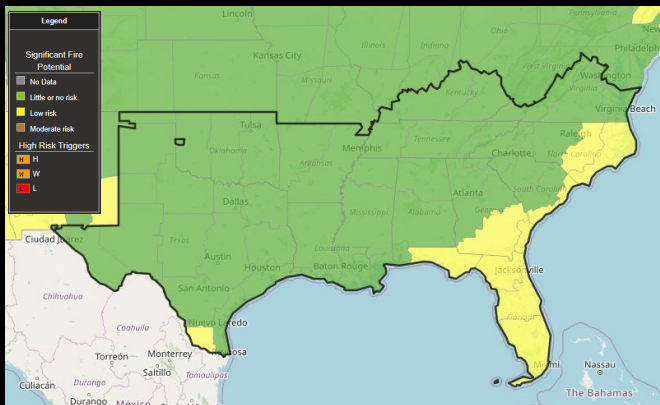
- Central and southern TX will see lingering dry air and the driest 100-hour fuel moisture of the week; look for RH as low as 20-30%, lowest in central and western TX, while wind gusts of 15-20 mph will be possible, higher near the South TX coast and near the Pecos River
- Dry, breezy and cold conditions will affect the Southeast, leading to rapid drying of fine fuels; RH will be as low as 25-30% from parts of FL into NC, locally lower, while NW wind gusts will be highest over FL, GA and AL, generally from 15-25 mph

Significant Fire Potential Outlook Thursday



- A dry cold front will shift across the Southeast overnight, bringing dry and breezy conditions to the region tomorrow
- Fuels will be driest in central FL, where ERC-Y will exceed the 90th percentile in areas, while RH will be as low as 20%, locally in the teens; look for N/NW wind gusts of 20-30 mph over central and eastern FL, lower farther to the west and north
- Wind gusts in NC and parts of SC into north GA will be as high as 15-25 mph, locally over 30 mph for eastern NC, where dry air and rapidly drying fine fuels are also expected; winds will be light over AL into the rest of south GA and northwest FL

Significant Fire Potential Outlook Friday



- Dry air will linger along the East Coast ahead of the approaching winter storm, with poor recoveries in the morning and RH as low as 25-35% expected to result in the driest 100-hour fuels of the week in most of the areas forecasted to see low significant fire potential; wind gusts of 15-25 mph will be most common over FL and southwest GA
- Marginally dry fuels are forecasted over Deep South TX, where NW wind behind a cold front will gust as high as 25-35 mph; RH will be marginal, but this PSA mostly has above normal grass loading, which could contribute to fire spread due to the gusty winds

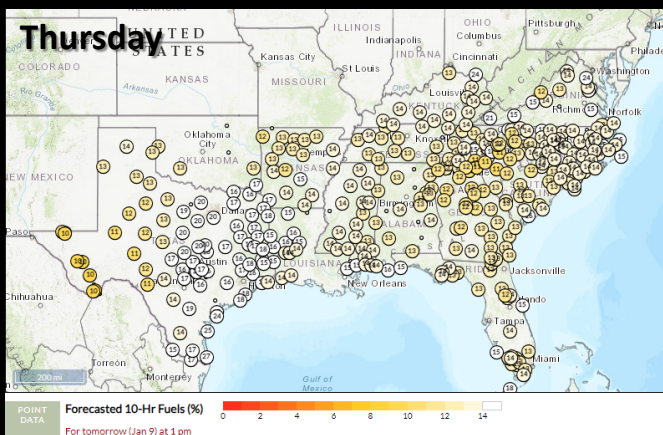


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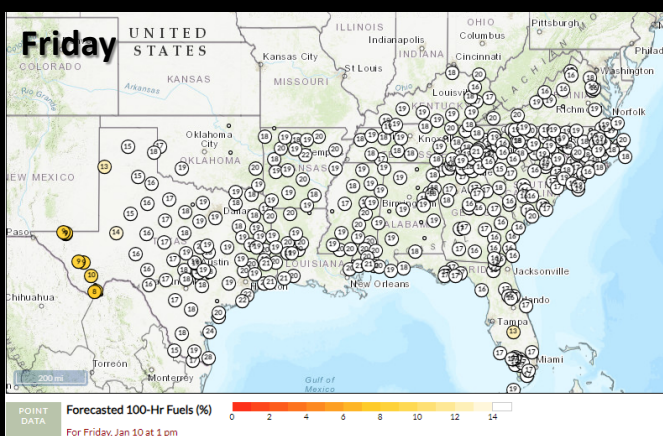


10-Hour Fuels



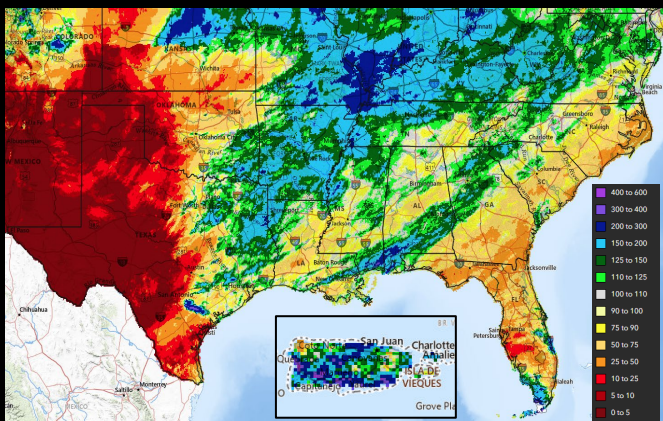
- 10-hour dead fuel moisture for Thursday is depicted
- 10-hour fuels reached a dry point in most of the Plains yesterday, with a modest increase in moisture expected today and more substantial increases in 10FM likely tomorrow; drying will return to the Plains over the weekend before Gulf moisture comes back into parts of the region next week
- 10-hour fuels will dry out quickly the next couple of days across the eastern half of the geographic area, likely reaching a low point on Thursday or Friday, depending on timing of precipitation
- Drying is likely to accelerate next week over most of the coastal Southeast, while areas with snow or ice cover will be slower to dry

100-Hour Fuels



- 100-hour dead fuel moisture for Friday is depicted
- 100-hour fuels will follow similar trends, though the driest conditions of the week will likely be today over parts of central and western TX, while the East Coast will likely see the driest conditions on Friday, extending from FL to NC and southeast VA
- A drying will resume from west to east this weekend into much of next week

30-Day Percent of Normal Precipitation



- No precipitation has occurred in at least 30 days for the dark red areas from western OK into much of central and western TX; areas of <25% of normal precipitation extend farther east in both states, though above normal rainfall has occurred in far southeastern OK and parts of eastern TX
- The FL peninsula has seen varying conditions, with above normal rainfall in far southwestern parts of the state and mostly below normal rain elsewhere; no wetting rain has occurred in several months for parts of central FL
- Below normal rainfall has continued elsewhere in the coastal Southeast, while conditions are more variable over the Appalachians and Mississippi Valley
- Most of the Caribbean islands have been much wetter than normal the past 30 days

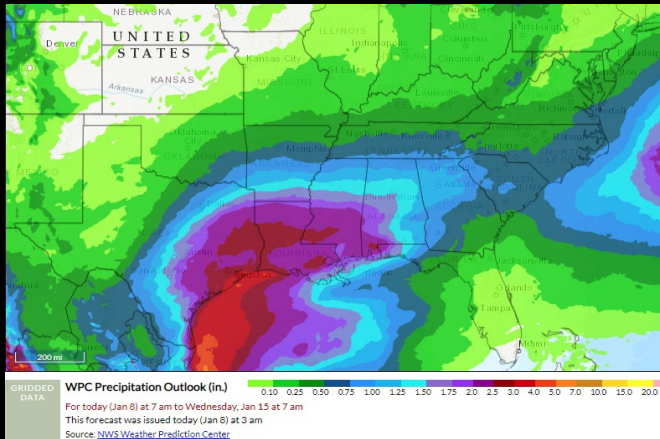


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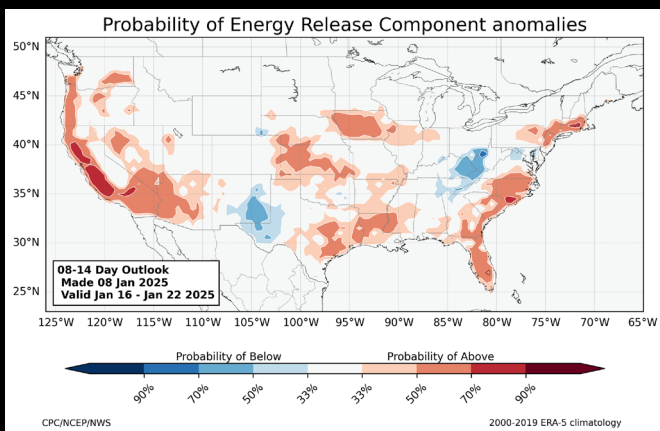


Forecast Precipitation the Next Week



- All of the forecasted precipitation over the next seven days will occur tonight through early Saturday as low pressure parallels the Gulf Coast and passes over FL
- The heaviest precipitation amounts, from 1-2", locally 2-4", will occur over southeast TX, LA, southern MS and southwest AL
- Wintry precipitation is expected farther north in these states, extending into parts of OK, AR, TN, GA and the Carolinas; liquid equivalent amounts of 0.5-1" are forecasted
- The FL peninsula, southeast GA, northern VA and KY and the High Plains are least likely to see wetting precipitation
- Note that a lengthy dry spell appears likely next week, with most model guidance pointing towards rain or snow returning next weekend or around the Presidential Inauguration

Week Two ERC-G Anomalies



- A reinforcing surge of cold and dry air appears likely to overspread the geographic area early next week, resulting in quick drying of fuels in areas that do not have any snow or ice on the ground
- ERC-G anomaly potential for the week two period is depicted, valid for Jan 16-22
- ERCs should become highest relative to normal in the coastal Southeast, with a drying trend also anticipated over portions of the Plains and Lower Mississippi Valley
- Fuel conditions should continue to improve from recent seasonal records over the Trans Pecos, while below normal ERCs are also expected over the Appalachians
- At least several days will be favorable for Rx in the Southeast next week, although minimum RH could fall below 20% in some of the areas with above normal KBDIs