The Weather Prediction Center

College Park, MD

Extended Forecast Discussion

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NWS Weather Prediction Center College Park MD
220 AM EST Wed Nov 11 2026

Valid 12Z Sat Nov 14 2026 - 12Z Wed Nov 18 2026

...Overview...

An amplified upper level flow pattern will be in place for this weekend and likely persisting into the first half of next week, with large scale troughs encompassing both the West Coast and the East Coast. Multiple rounds of rain and mountain snow are expected from California to Washington, and a return to colder weather across the East Coast region with some lingering lake effect and upslope precipitation. Between these troughs will be an upper ridge axis across the western High Plains and extending to south-central Canada. South of the ridge will be a southern stream trough crossing from the Desert Southwest to the southern Plains through Monday that will likely bring showers and storms to parts of Texas and the Gulf Coast region in general.

...Guidance/Predictability Assessment...

The 00Z model guidance suite features good overall agreement across the U.S. domain for this weekend, with a general deterministic model blend used as a starting point for fronts and pressures. By Monday the CMC trends faster with the southern stream trough across the Gulf Coast region, while guidance remains in good agreement with the large scale trough approaching the West Coast. The GFS starts straying from the consensus across the Great Lakes by Monday night with a weak closed upper low, and this difference becomes more pronounced and less favored by Wednesday as the GFS develops another coastal low near Virginia, so a non-NCEP blend is preferred. The ensemble means were increased to about 40% by that time owing to increasing mesoscale differences.

...Weather/Hazards Highlights...

The low pressure system exiting the New England coast will leave behind a colder airmass as a strong Canadian surface high starts building into the region. There should still be some ongoing lake effect rain/snow showers for locations downwind of the western Great Lakes, although any accumulations are expected to be minor. Upslope snow is also likely across West Virginia and western

Maryland through Saturday before tapering off by Sunday.

Multiple rounds of moderate to occasionally heavy rainfall is in the forecast for the West Coast states as multiple frontal boundaries and moisture plumes affect the region. The first round will arrive on Friday across California, and then reach the Intermountain West by Saturday with valley rain and mountain snow. A second and stronger front heralds the arrival of colder conditions with lowering snow levels across the Sierra and northern California ranges, with moderate accumulations likely. Moisture from this system then reaches the Great Basin and then the Rockies for the beginning of next week. Another area of moderate to locally heavy rainfall is also expected across portions of southern Texas over the weekend, with locally 1 to 2 inches possible near the Texas Gulf coast as a wave of low pressure develops.

Cold air advection behind the strong cold front across the eastern U.S. will result in highs running about 5-15 degrees below average for Saturday from the Southeast U.S. to the Mid- Atlantic and central Appalachians, making it feel more like December. The first widespread frost and freeze of the season is expected from interior portions of the Deep South and extending northward into the Tennessee/Ohio Valley and even interior portions of the Southeast. There should be a slow moderating trend towards early next week as the low pressure system departs the region. Farther west, pleasantly mild temperatures will continue across most of the Plains with the upper ridge governing the weather pattern there.

Hamrick

Additional 3-7 Day Hazard information can be found on the WPC medium range hazards outlook chart at:
https://www.wpc.ncep.noaa.gov/threats/threats.php

WPC medium range 500mb heights, surface systems, weather grids, quantitative precipitation forecast, excessive rainfall outlook, winter weather outlook probabilities, heat indices and Key Messages are at:

https://www.wpc.ncep.noaa.gov/medr/5dayfcst500_wbg.gif
https://www.wpc.ncep.noaa.gov/medr/5dayfcst_wbg_conus.gif
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