


Situation Briefing – *14 July Flash Flooding Risk*

BLUF: There is a **Moderate** risk of excessive rainfall over central and NE Maryland including the metros, and 70/270/95 corridors. A **Slight** risk for the rest of the state for this afternoon and evening. A Flood Watch is in effect from 2pm-12am due to the potential for locally heavy downpours leading to flash flooding, especially in areas already soaked from yesterday’s rain. Rainfall rates up to 3 inches per hour are possible.

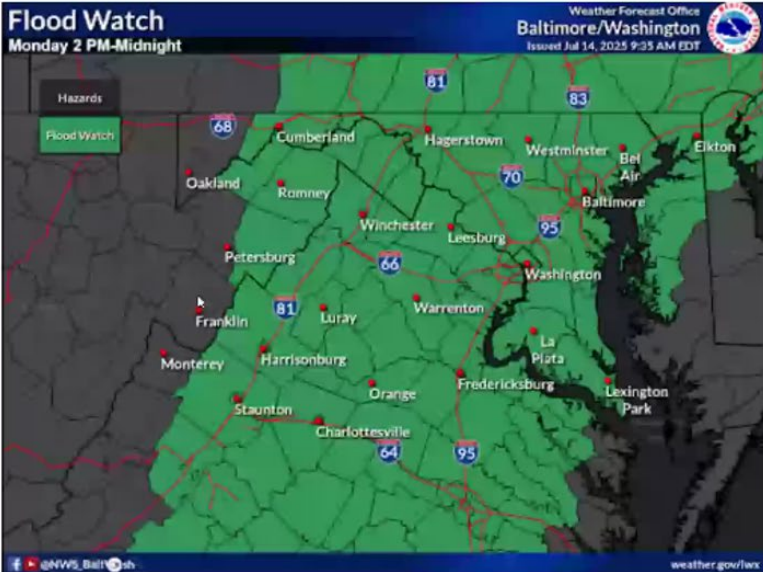
Situation: A warm and humid airmass continues to dominate the region today. Temperatures will gradually climb to the upper 80s/low 90s with dew points in the mid to upper 70s. A weak disturbance will be pushing through this airmass allowing for additional thunderstorm/shower activity through the evening. Some of the stronger showers and thunderstorms will bring pockets of torrential rain, with rates in excess of 2-3" per hour, isolated damaging winds in excess of 60 mph, and frequent lightning. These cells may also be slow to move, allowing for quick accumulation of rainfall. Some areas may see 3-6 inches of rainfall. Flash flooding and stream flooding is likely where these occur.




Flood Watch for Flash Flooding Today

July 14, 2025
10:30 AM

2 PM through Midnight











- Timing:
 - West of Blue Ridge: Afternoon/Early Evening
 - East of Blue Ridge: Late Afternoon to around Midnight
- Rainfall rates of 2-3 inches per hour possible.
- Isolated totals of 3-6 inches are possible where training and/or multiple rounds of thunderstorms occur.



National Oceanic and Atmospheric Administration
U.S. Department of Commerce

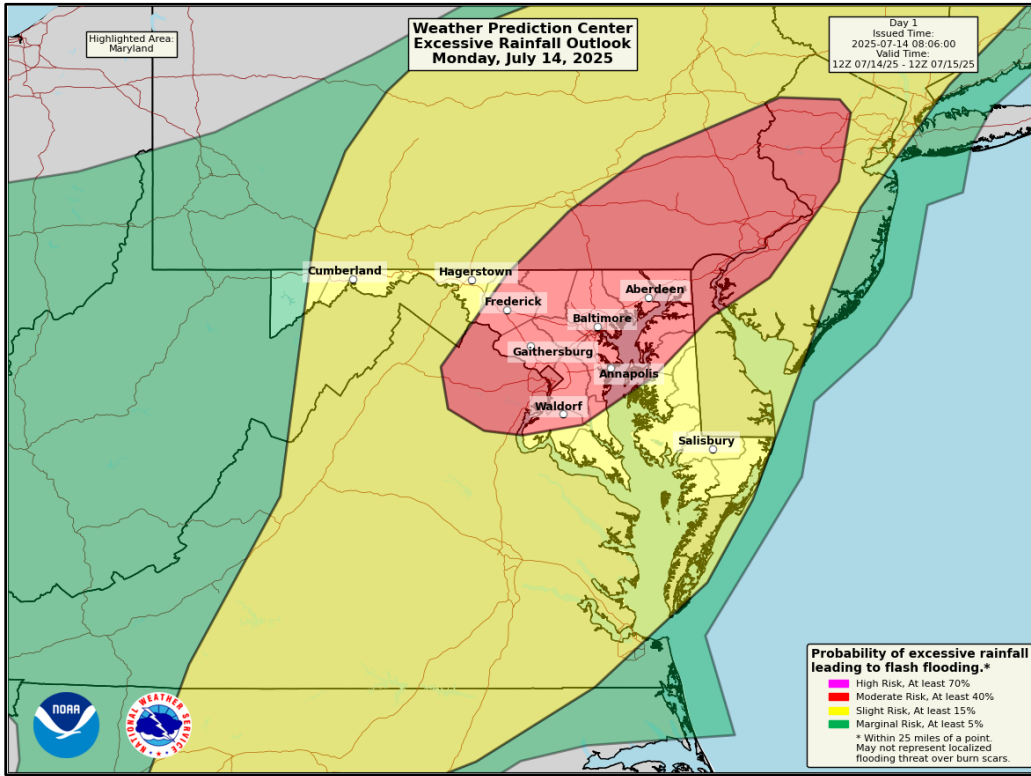
National Weather Service
Baltimore/Washington

Potential Impacts:

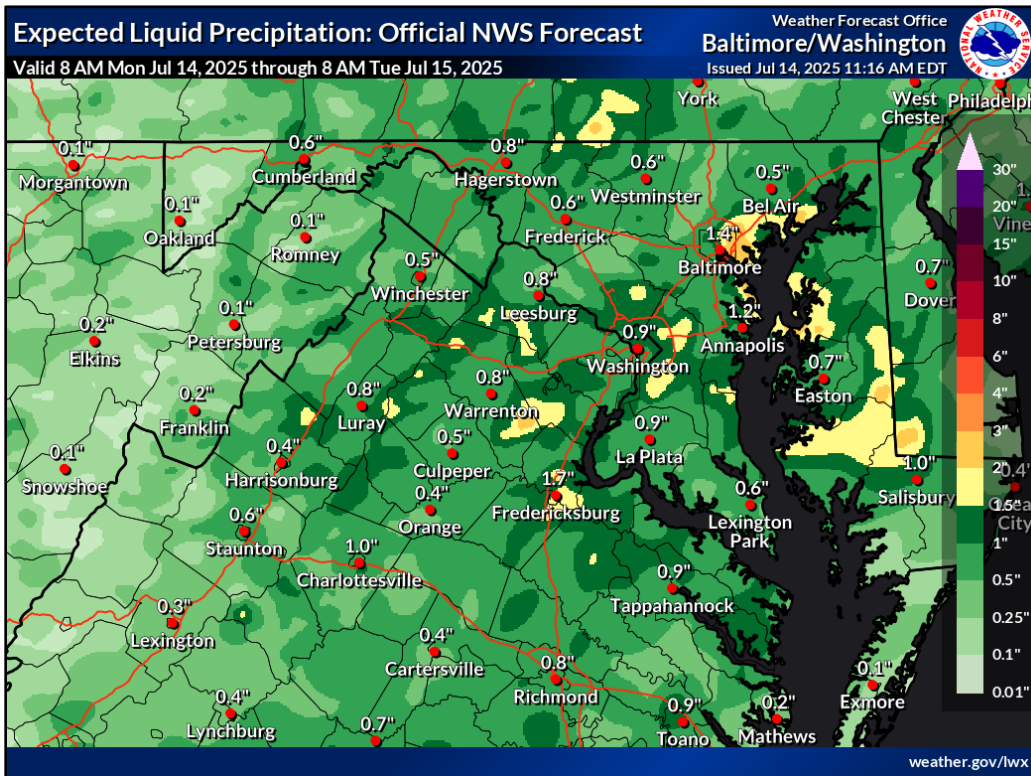
	<p>Safety and Security</p>	<p>Impacts: Increased calls to emergency services are expected due to flooded roads, traffic accidents, debris, and possible lightning strikes. Lightning poses a risk for outdoor activities.</p>
	<p>Food, Hydration, Shelter</p>	<p>Impacts: In case of severe flash flooding, evacuation and sheltering may be required.</p>
	<p>Health and Medical</p>	<p>Impacts: NSTR</p>
	<p>Energy</p>	<p>Impacts: Power outages are possible due to high winds and damage to trees and lines.</p>
	<p>Communications</p>	<p>Impacts: NSTR</p>
	<p>Transportation</p>	<p>Impacts: Downpours may cause dangerous driving conditions and flooded roads and rail lines. Ground stops may be issued for air travel due to thunderstorms. Bridge restrictions may be implemented in the case of high winds.</p>
	<p>Hazardous Material</p>	<p>Impacts: Sewage overflows from flooding may contaminate waterways.</p>
	<p>Water Systems</p>	<p>Impacts: Severe flooding as the potential to contaminate drinking water.</p>

Current Actions: A SWEM call is scheduled for 12pm

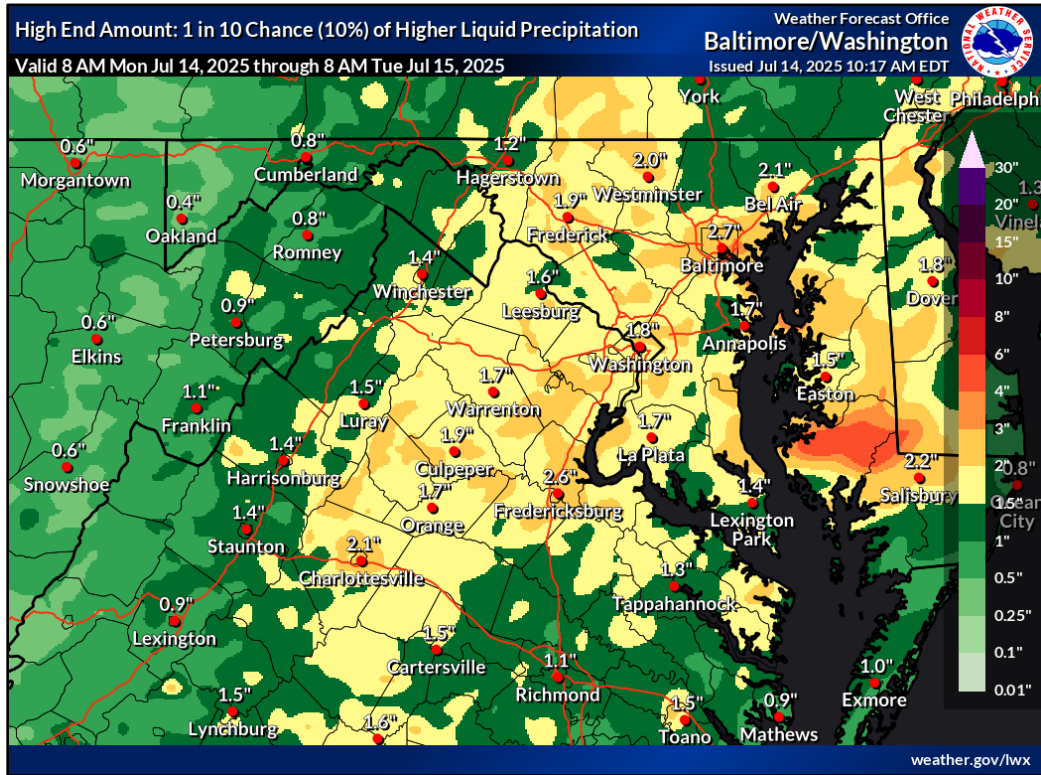
Maps:



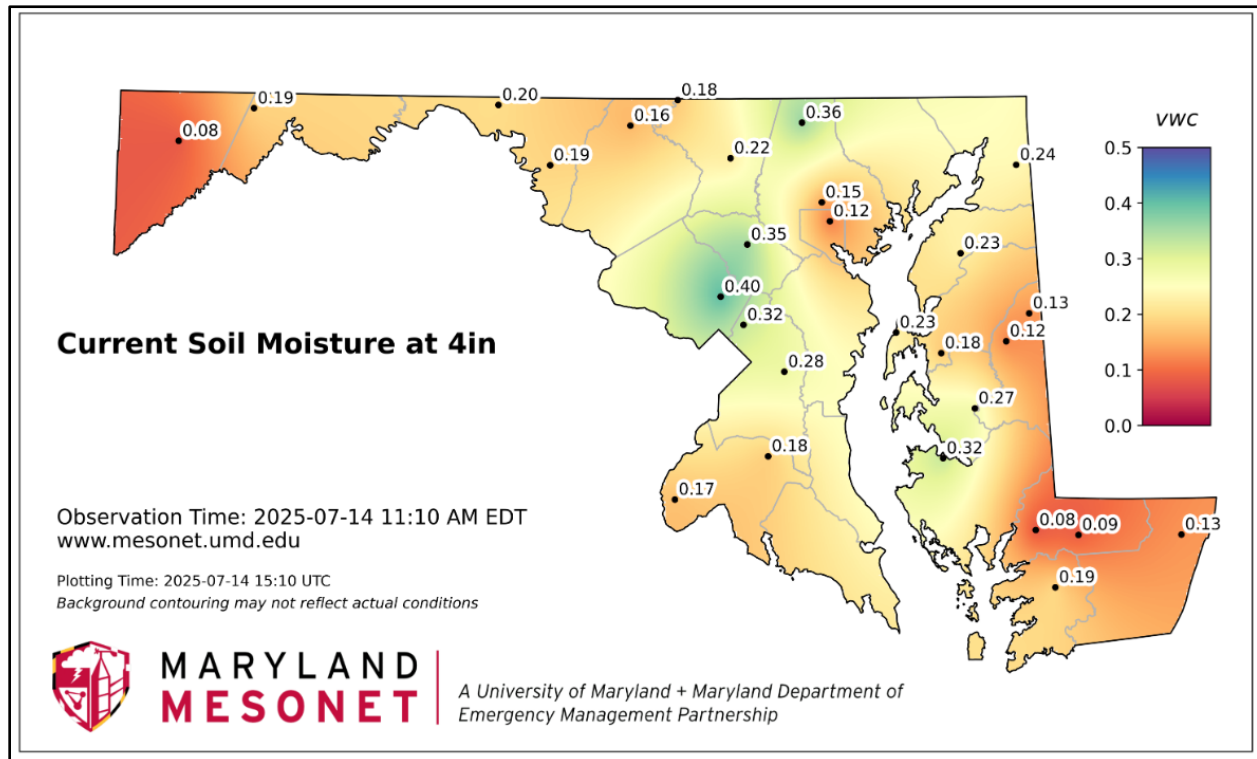
Areas of Moderate and Slight Excessive Rainfall Risk



Expected Rainfall Amounts



High End Rainfall Amounts (10% Chance)



Current Soil Saturation Levels (levels >0.38 are saturated)

