



7-Day Weather Hazards

10:30 AM EDT
Friday, July 5, 2024

Prepared By WFO Baltimore/Washington





7-Day Weather Hazards

July 5, 2024
10:30 AM

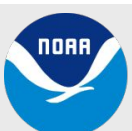
Overview for the next 7 days

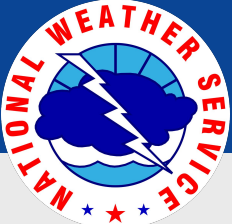
- **Through Saturday Night**

- Heat indices around 100 to 110 degrees are expected this afternoon and early evening.
- Heat indices around 100 to 110 degrees are possible Saturday afternoon and early evening, especially near and east of Interstate 95.
- A few severe storms are possible Saturday afternoon and evening along with the possibility for isolated instances of flooding.

- **Sunday through Thursday Night**

- Hot and dry conditions may lead to worsening drought conditions over the next week.





Hot and Humid

July 5, 2024
10:30 AM

Heat Headlines in effect through this evening

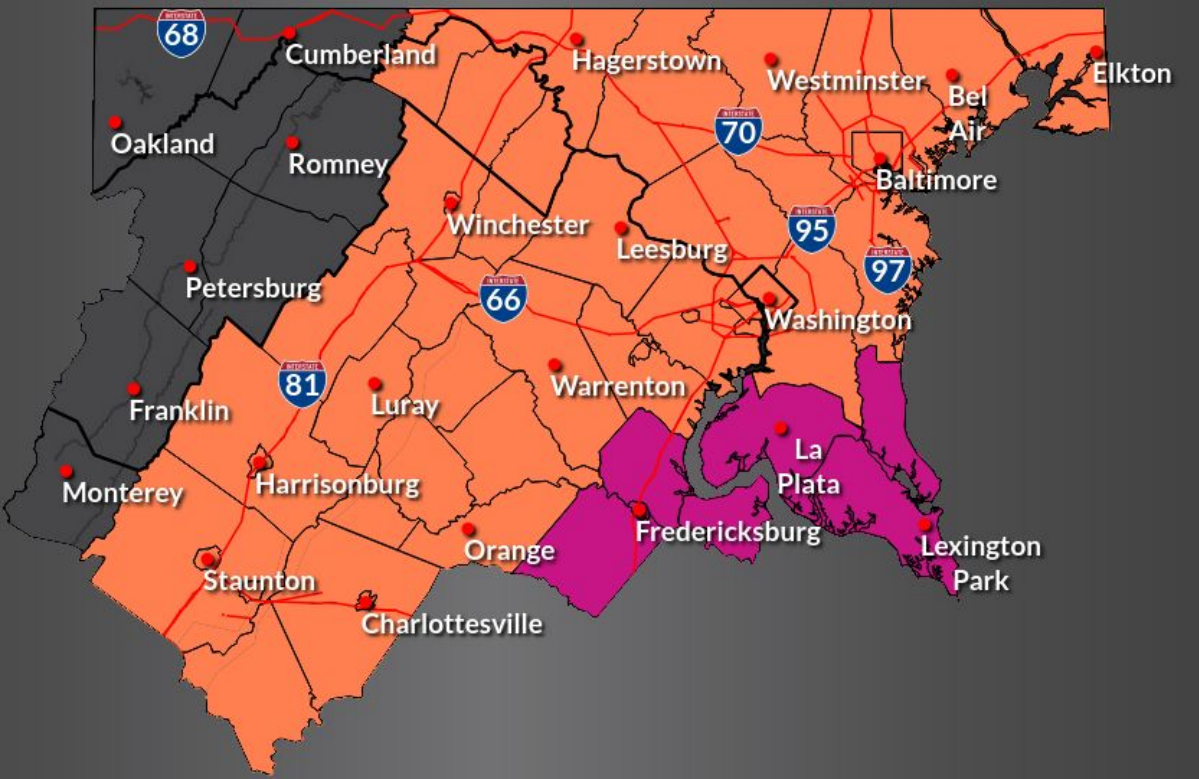
Heat Headlines

Through this evening

Weather Forecast Office
Baltimore/Washington
Issued Jul 05, 2024 8:56 AM EDT



- Hazards
- Excessive Heat Warning
 - Heat Advisory



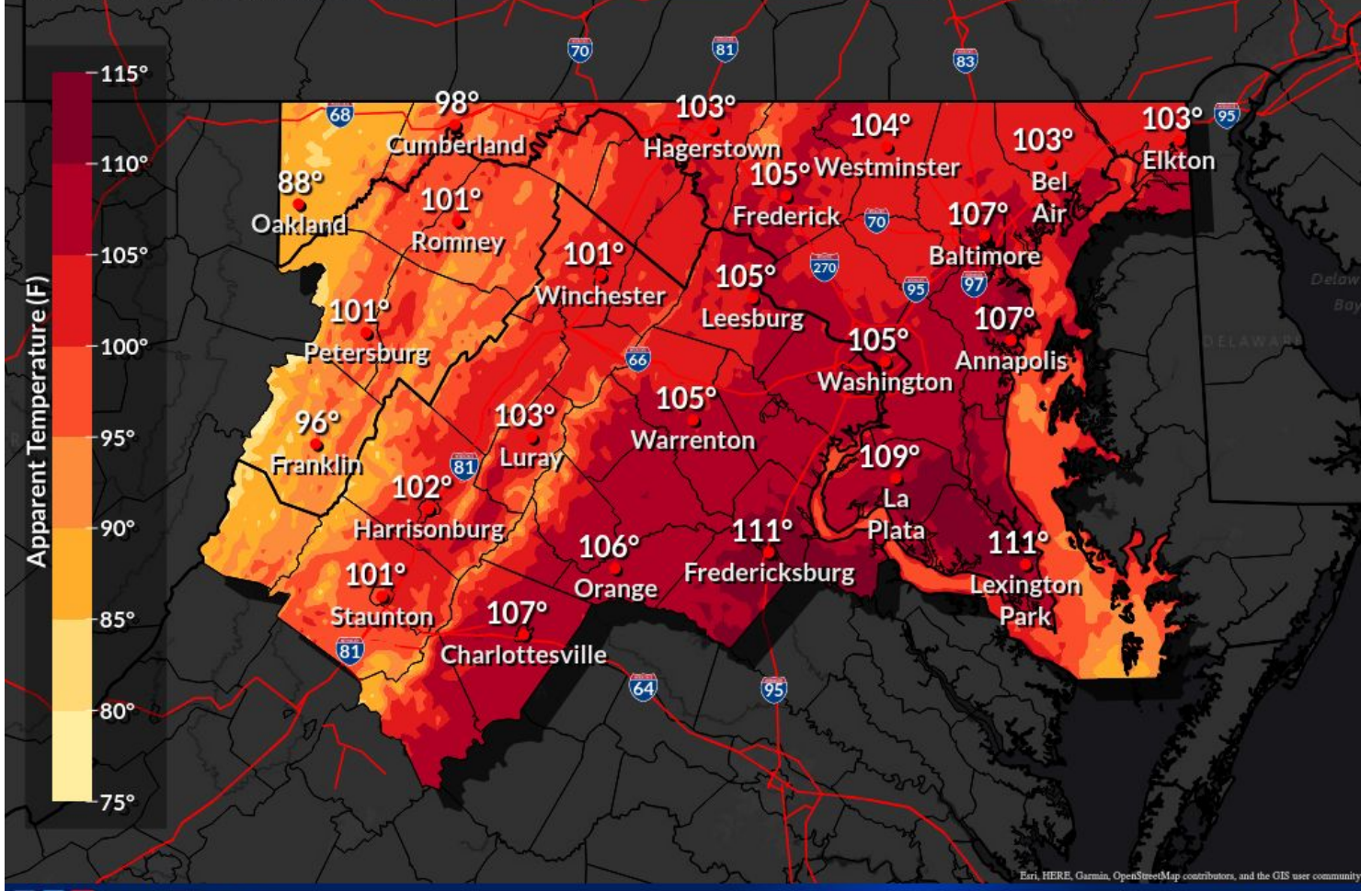
@NWS_BaltWash

weather.gov/lwx

Today's Maximum HeatIndex

Valid Fri 6:00AM through Fri 6:00PM EDT

Weather Forecast Office
Baltimore/Washington
Issued Jul 05, 2024 8:21 AM EDT



@NWS_BaltWash

weather.gov/lwx

Heat indices around 100 to 110 degrees are expected for the majority of the region.



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

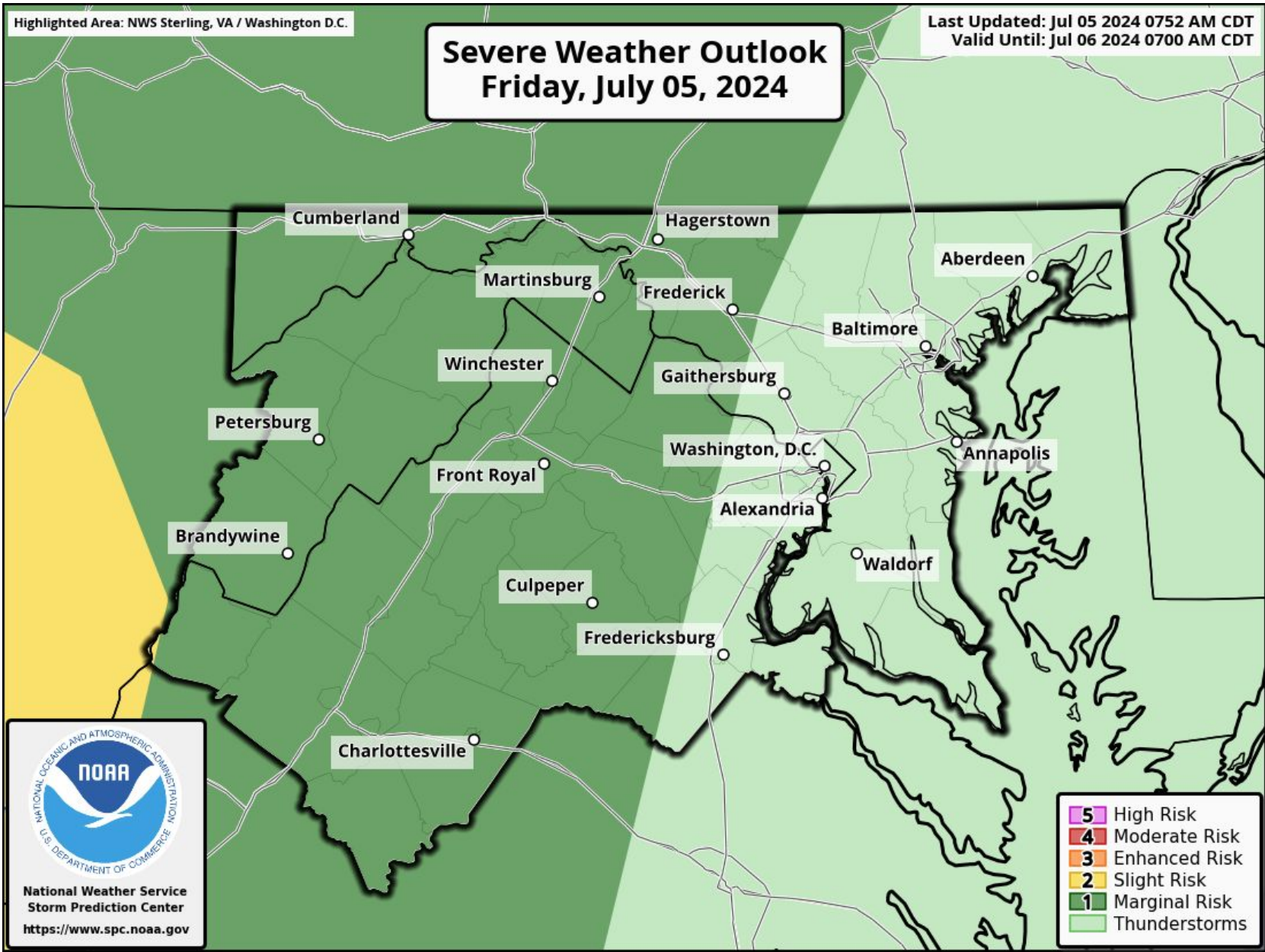
National Weather Service
Baltimore/Washington



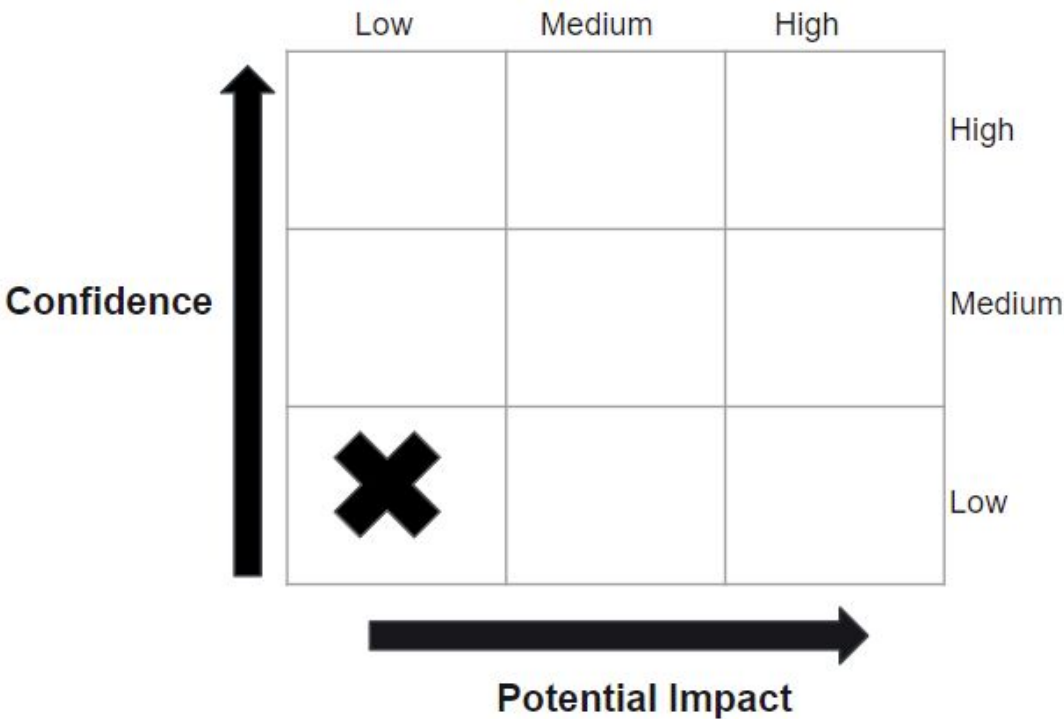
Severe Storms Possible

July 5, 2024
10:30 AM

This Afternoon and Evening



- Severe storms are possible this evening.
 - Damaging winds are the primary threat.





Hot and Humid

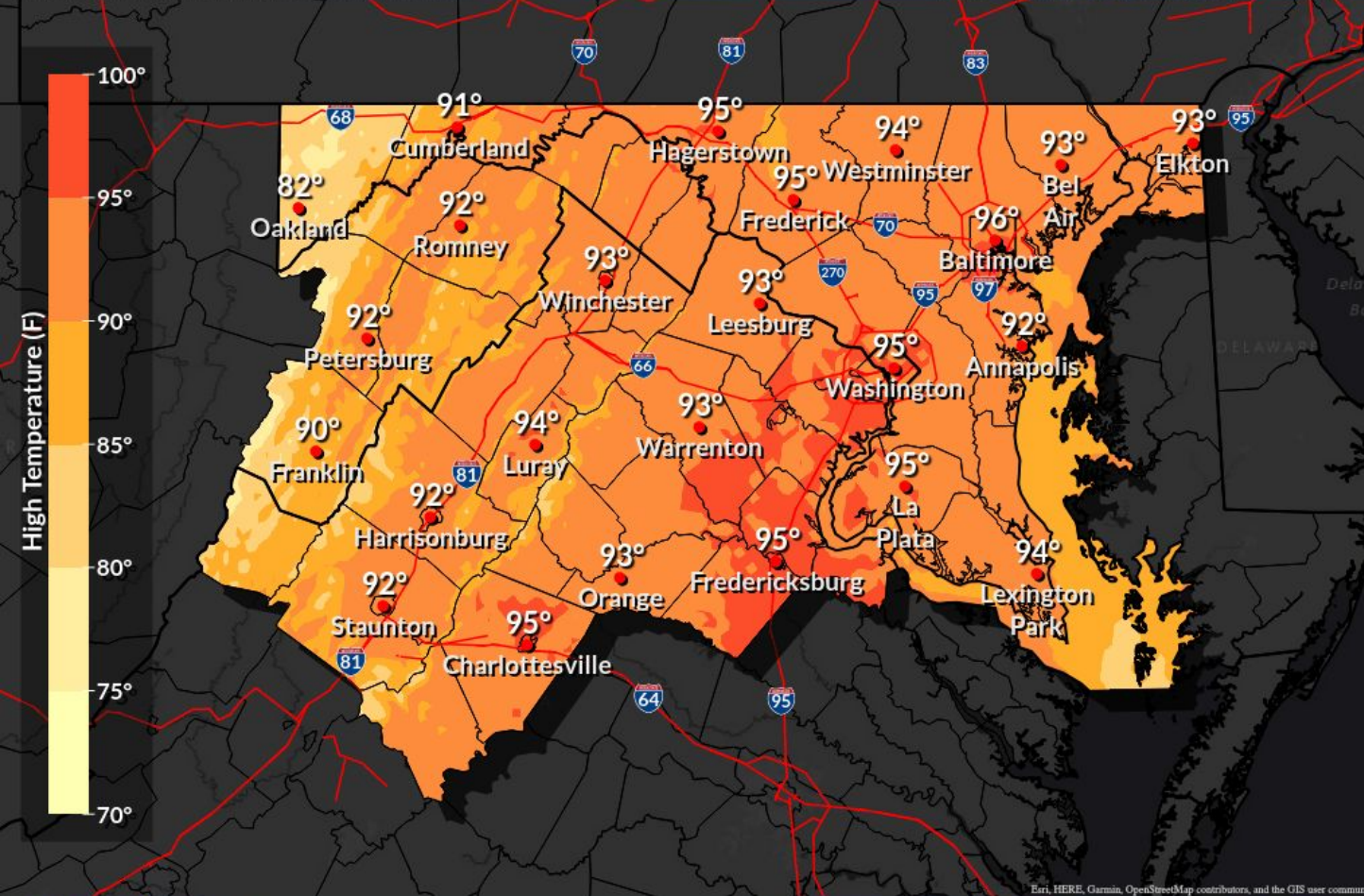
July 5, 2024
10:30 AM

Saturday afternoon through early evening

Tomorrow's High Temperature

Valid Sat 8:00AM through Sat 9:00PM EDT

Weather Forecast Office
Baltimore/Washington
Issued Jul 05, 2024 8:21 AM EDT



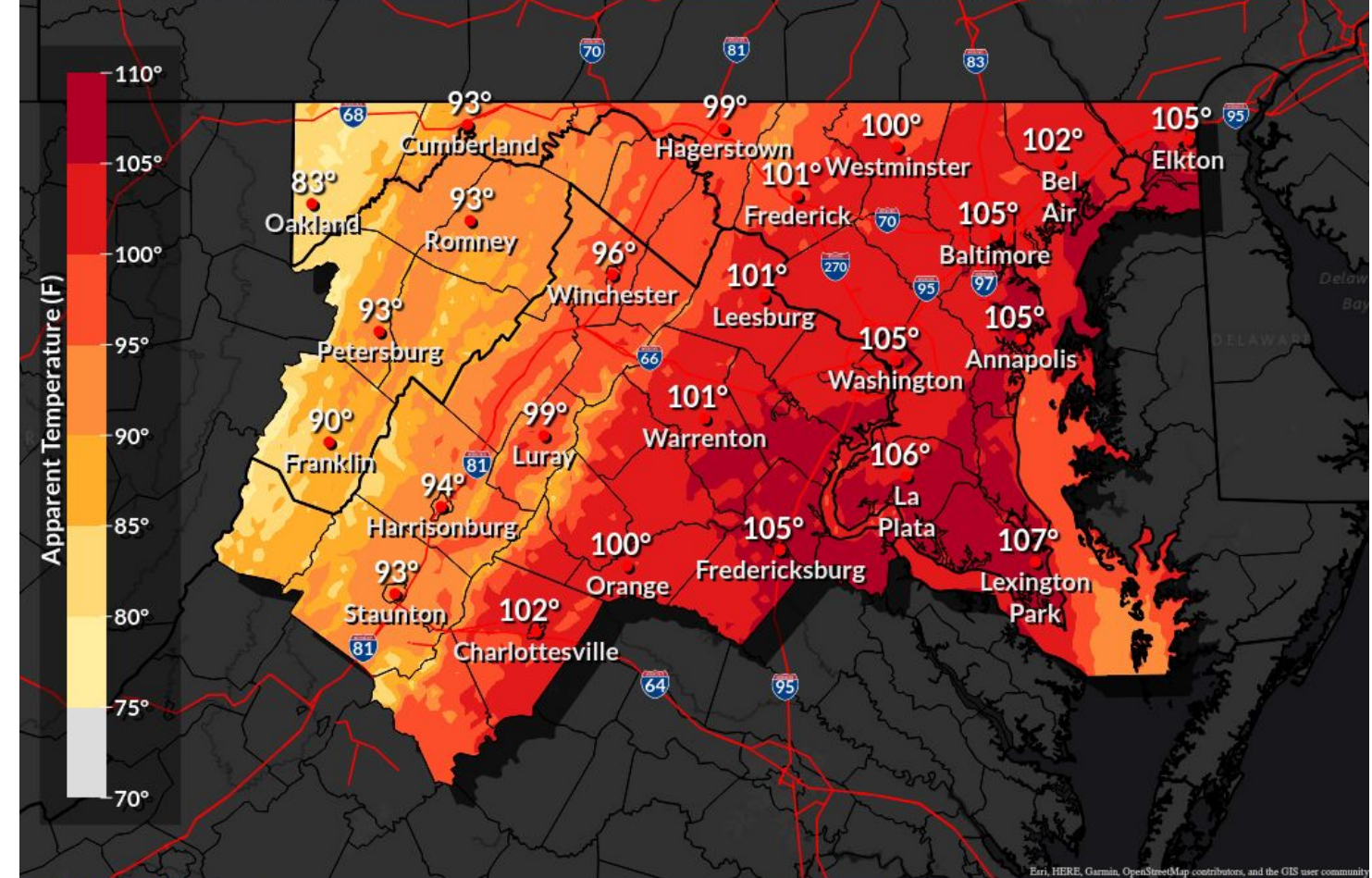
@NWS_BaltWash

weather.gov/lwx

Tomorrow's Maximum HeatIndex

Valid Sat 6:00AM through Sat 6:00PM EDT

Weather Forecast Office
Baltimore/Washington
Issued Jul 05, 2024 8:21 AM EDT

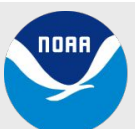


@NWS_BaltWash

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Hot and humid conditions are expected, with heat indices reaching 100 to 110 outside of the mountains.

Showers and thunderstorms will be possible during the afternoon and evening hours



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Atmospheric Administration
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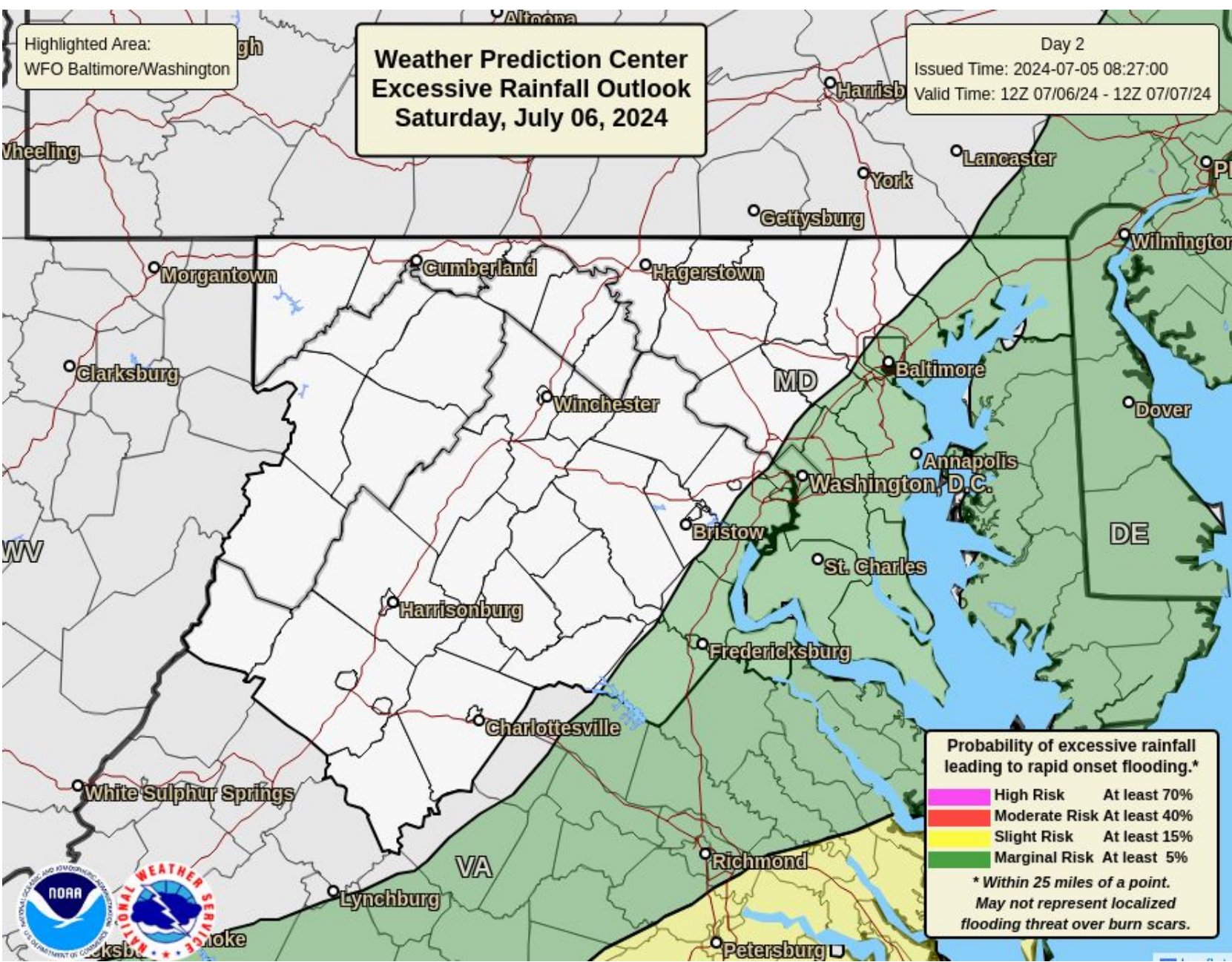
National Weather Service
Baltimore/Washington



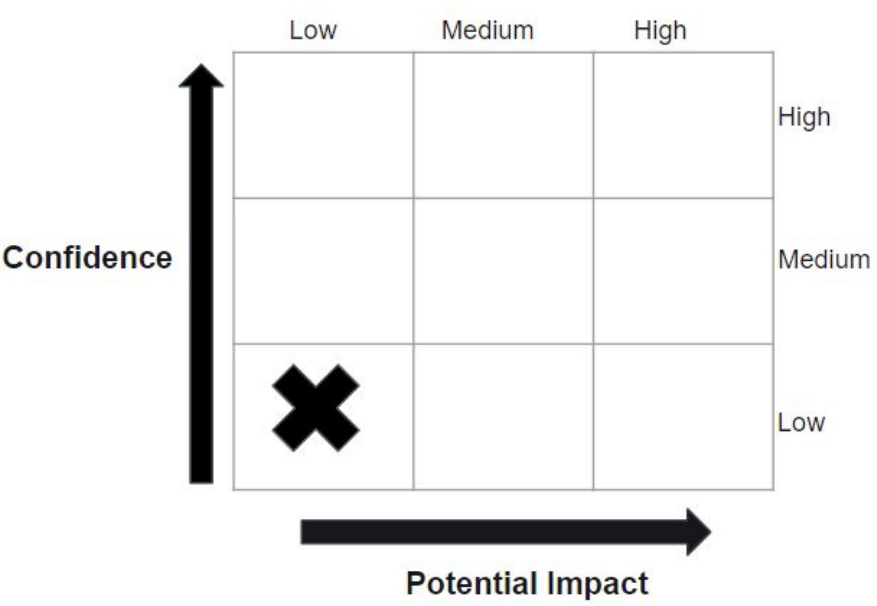
Severe Storms and Locally Heavy Rain Possible

July 5, 2024
10:30 AM

Saturday Afternoon and Evening



- Isolated severe storms are possible Saturday afternoon and evening.
 - Damaging winds are the primary threat near and east of I-95 along with the possibility for isolated instances of flooding.

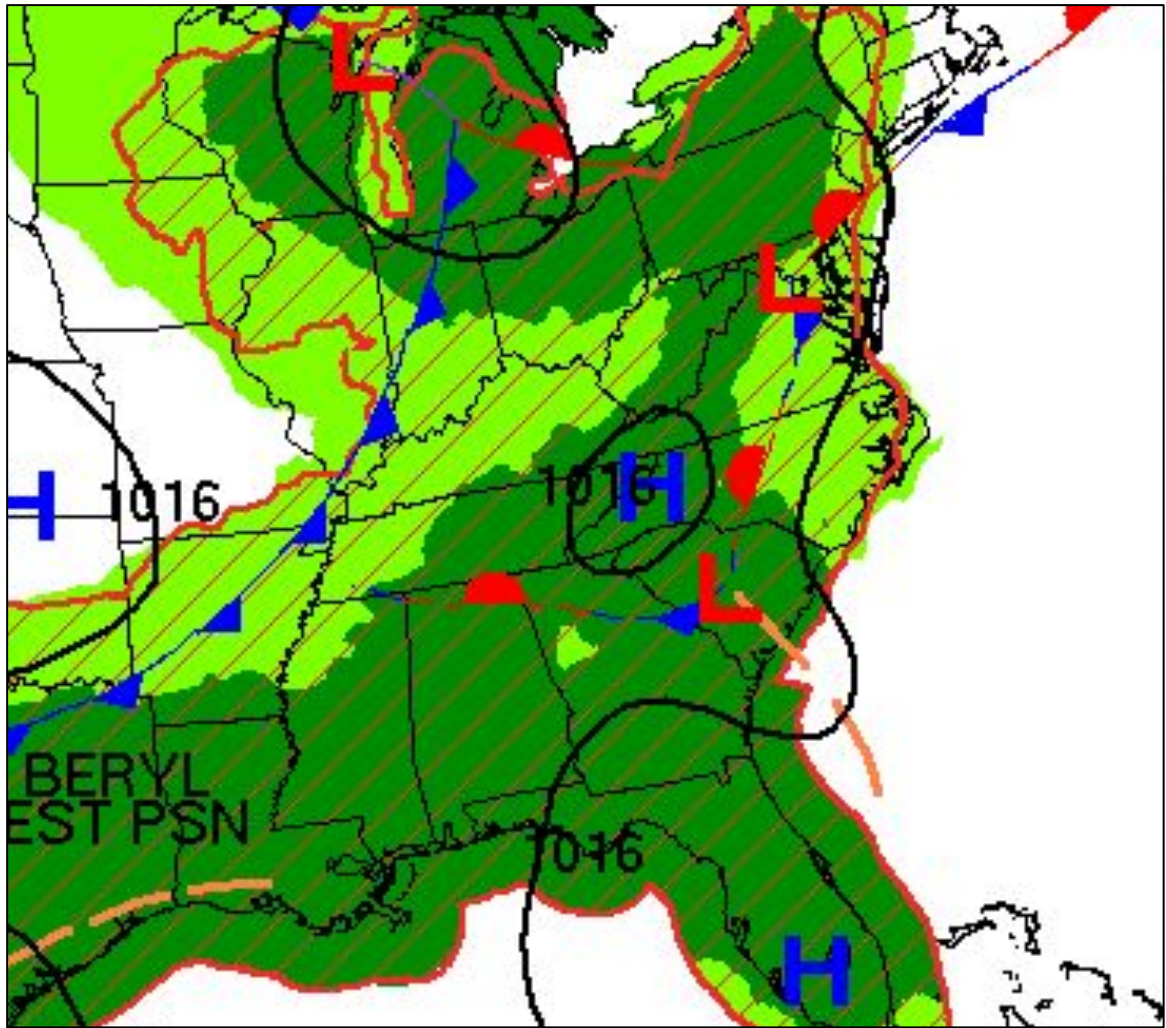




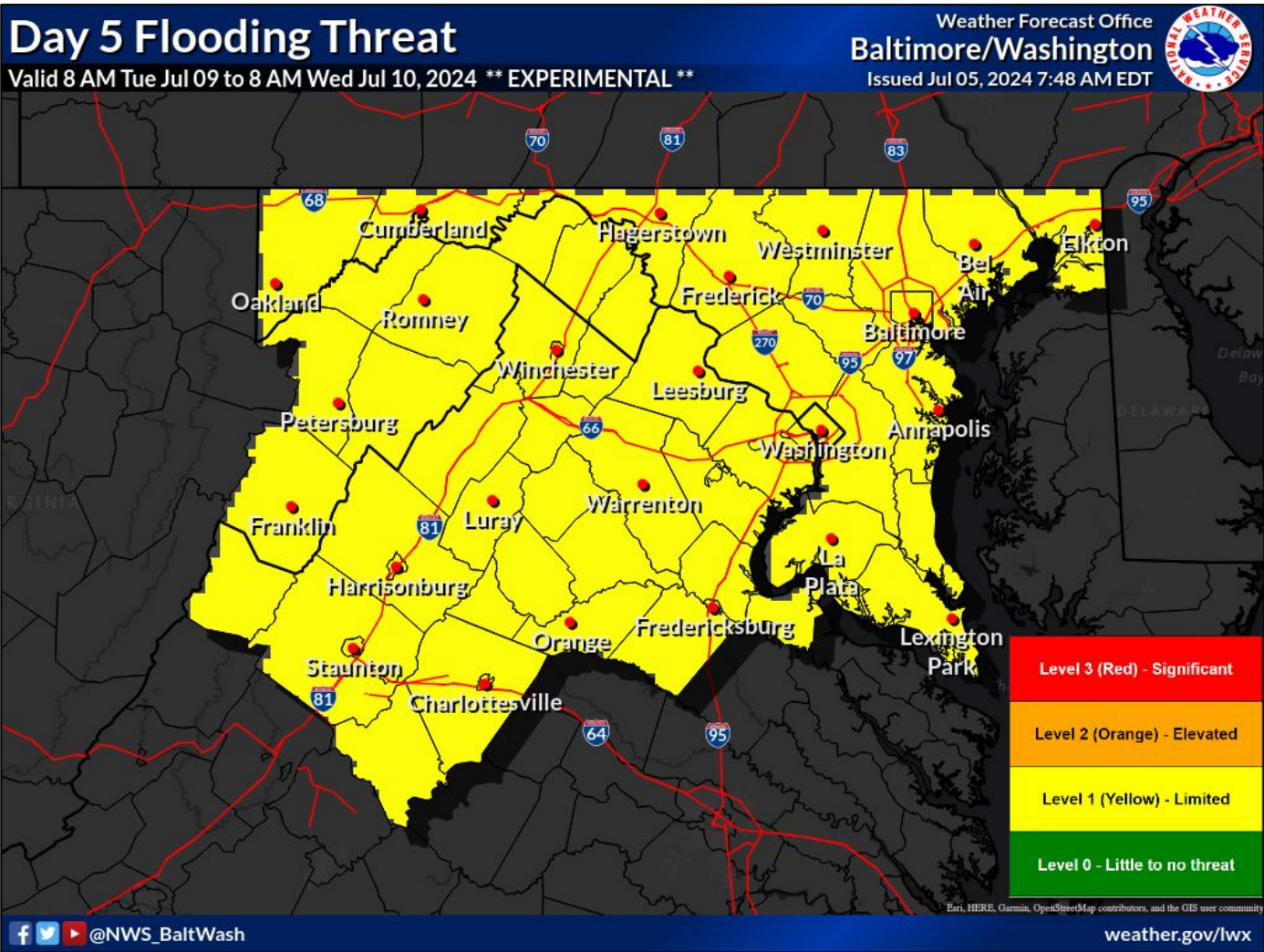
Chance for Thunderstorms

July 5, 2024
10:30 AM

Afternoon and evening hours through next week



Map valid Tuesday morning at 8 AM



Map valid Tuesday through Tuesday night

- Hot and humid conditions will cause chances for thunderstorms each day Sunday through Thursday.
- A few stronger storms are possible.





8-14 Day Outlook; July 12-18, 2024

July 5, 2024
10:30 AM

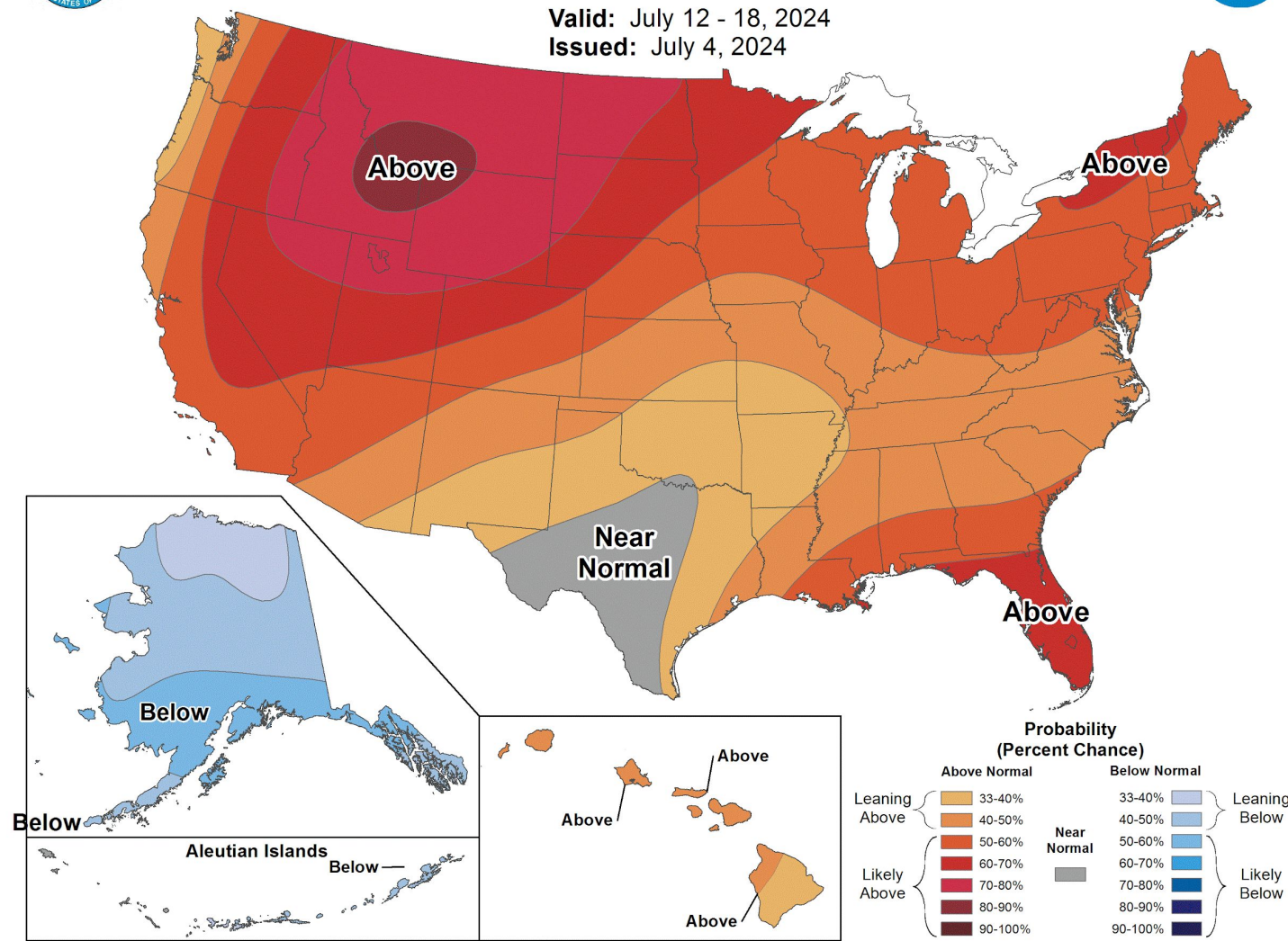
NWS Climate Prediction Center



8-14 Day Temperature Outlook



Valid: July 12 - 18, 2024
Issued: July 4, 2024



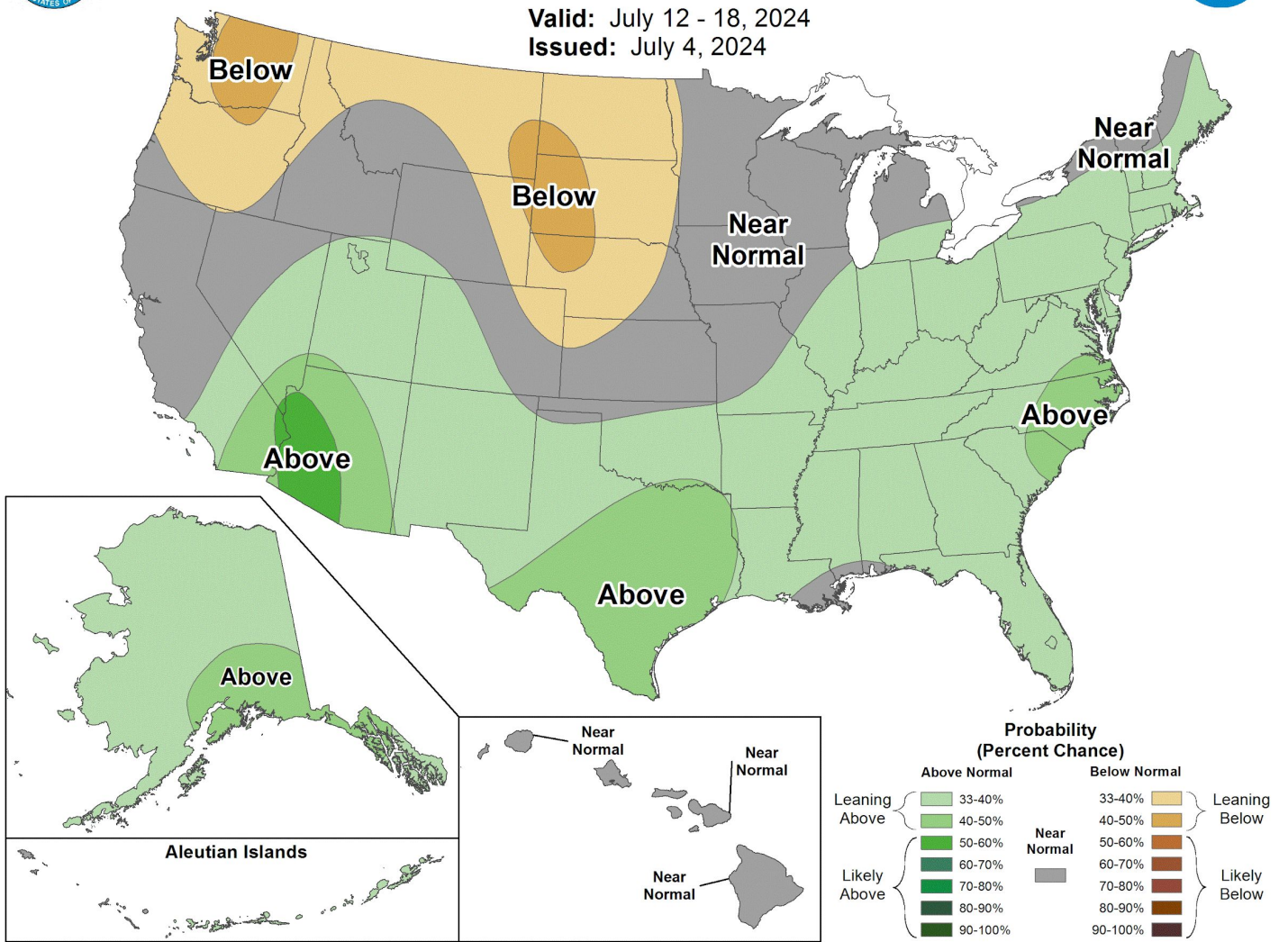
Above normal temperatures favored



8-14 Day Precipitation Outlook



Valid: July 12 - 18, 2024
Issued: July 4, 2024



Above normal precipitation favored





Heat Safety

July 5, 2024
10:30 AM

High heat and humidity continue this weekend into next week

Practice HEAT SAFETY Wherever You Are

Heat related deaths are preventable.
Protect yourself and others from the
impacts of heat waves.



Job Sites

Stay hydrated and
take breaks in the shade
as often as possible



Indoors

Check up on the
elderly, sick and those
without AC



Vehicles

Never leave kids or
pets unattended -
LOOK before you LOCK



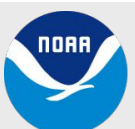
Outdoors

Limit strenuous outdoor
activities, find shade,
and stay hydrated

- Hot conditions will persist through next week.



weather.gov/heat



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

National Weather Service
Baltimore/Washington

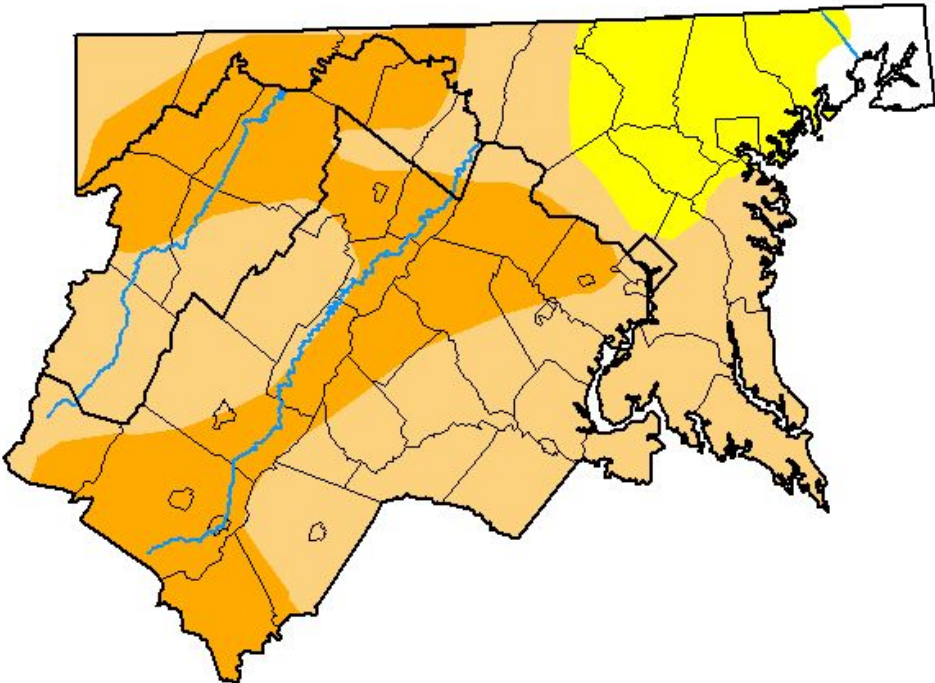


Current Drought Conditions

July 5, 2024
10:30 AM

D2 - Severe drought has increased for portions of our area

U.S. Drought Monitor Baltimore, MD/ Washington, DC WFO



July 2, 2024

(Released Wednesday, Jul. 3, 2024)

Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	2.16	97.84	86.18	35.48	0.00	0.00
Last Week 06-25-2024	2.02	97.98	84.88	0.00	0.00	0.00
3 Months Ago 04-02-2024	100.00	0.00	0.00	0.00	0.00	0.00
Start of Calendar Year 01-02-2024	30.93	69.07	32.89	8.96	0.00	0.00
Start of Water Year 09-26-2023	29.91	70.09	39.52	13.18	0.00	0.00
One Year Ago 07-04-2023	6.39	93.61	38.72	8.85	0.00	0.00

Intensity:

None	D2 Severe Drought
D0 Abnormally Dry	D3 Extreme Drought
D1 Moderate Drought	D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

Author:

Adam Hartman
NOAA/NWS/NCEP/CPC



droughtmonitor.unl.edu

- Hot conditions expected to continue through much of next week.
 - This may worsen drought conditions during this time.





National Hurricane Center Outlook

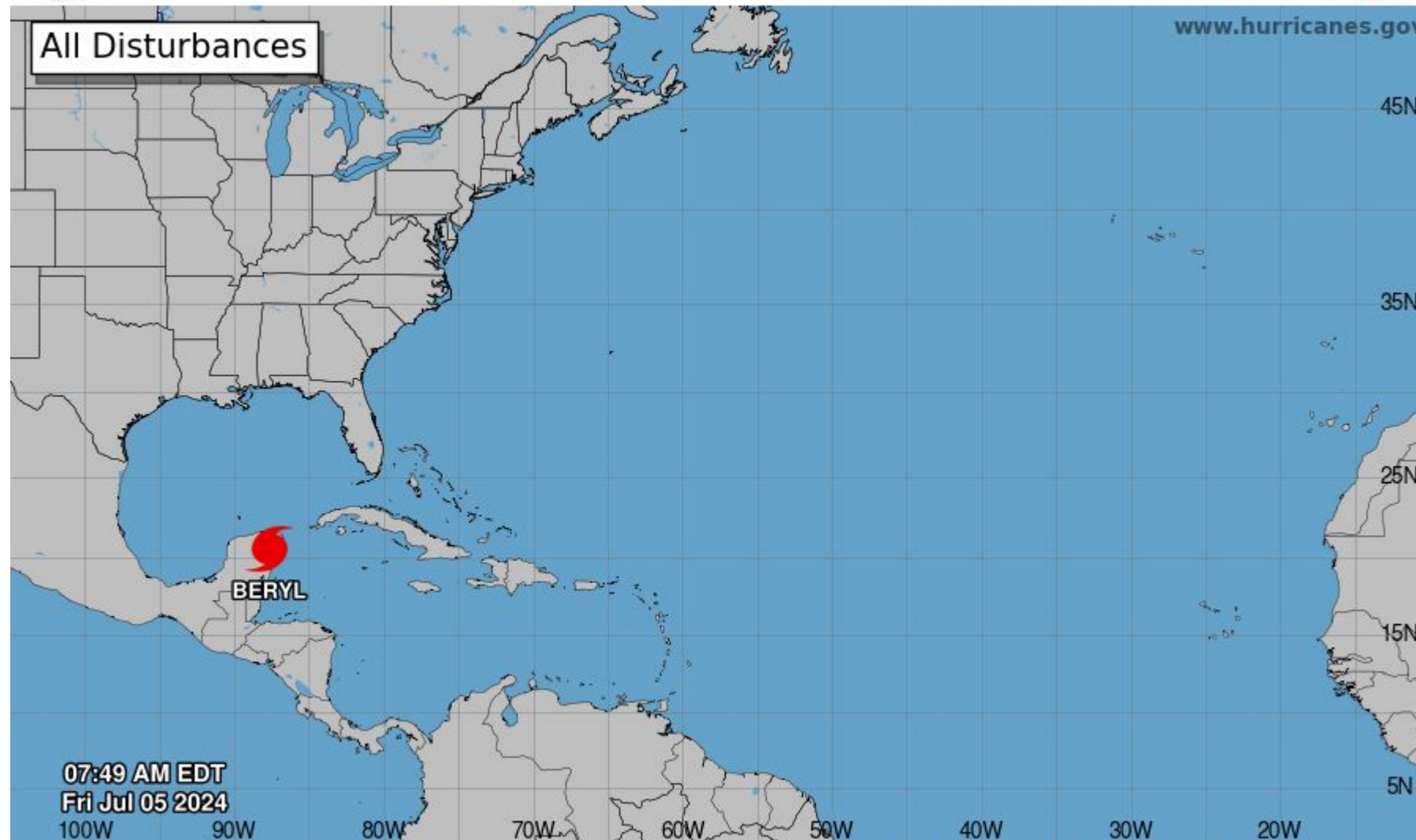
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7 Day Outlook Through Sunday July 7



Seven-Day Graphical Tropical Weather Outlook

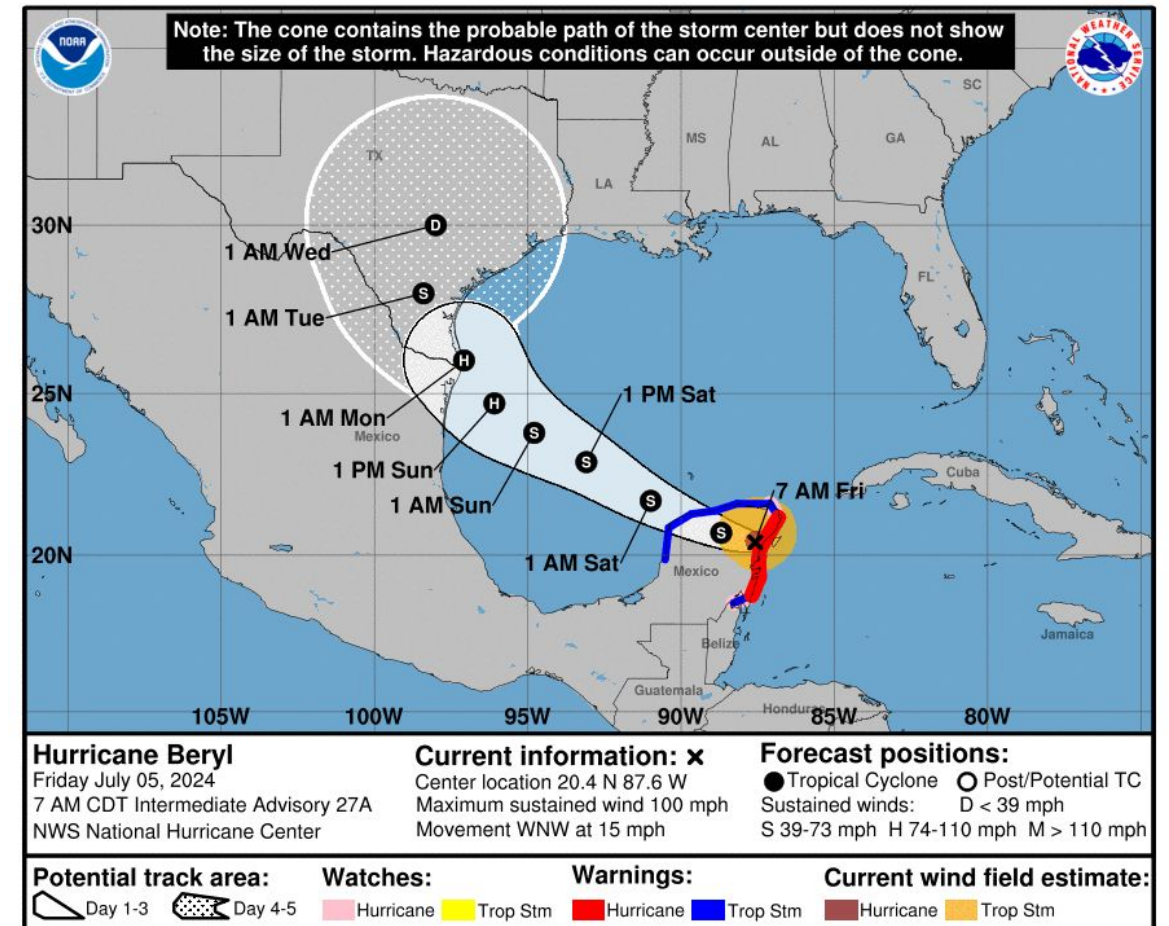
National Hurricane Center Miami, Florida



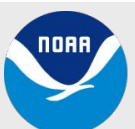
Current Disturbances and Seven-Day Cyclone Formation Chance: < 40% 40-60% > 60%

Tropical or Sub-Tropical Cyclone: Depression Storm Hurricane

Post-Tropical Cyclone or Remnants



- No tropical impacts are expected in our area over the next 7 days.



National Oceanic and
Atmospheric Administration

U.S. Department of Commerce

National Weather Service
Baltimore/Washington



Summary of Key Messages

July 5, 2024
10:30 AM

Recap

- **Through Saturday Night**

- Heat indices around 100 to 110 degrees are expected this afternoon and early evening.
- Heat indices around 100 to 110 degrees are possible Saturday afternoon and early evening, especially near and east of Interstate 95.
- A few severe storms are possible Saturday afternoon and evening along with the possibility for isolated instances of flooding.

- **Sunday through Thursday Night**

- Hot and dry conditions may lead to worsening drought conditions over the next week.



Next Briefing

- **10:30 AM Monday, July 8, 2024**
- If any new hazards arise, our “heads-up” email will be sent.
- Email us if you need to be added to our “heads-up” email list.



NWS Balt/Wash EM Webpage

- weather.gov/lwx/empage



Contact Information

Email

- nws-sterling-wxsupport@noaa.gov

Social Media

- facebook.com/NWSBaltWash
- [@NWS_BaltWash](https://twitter.com/NWS_BaltWash)



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