

June 27, 2025

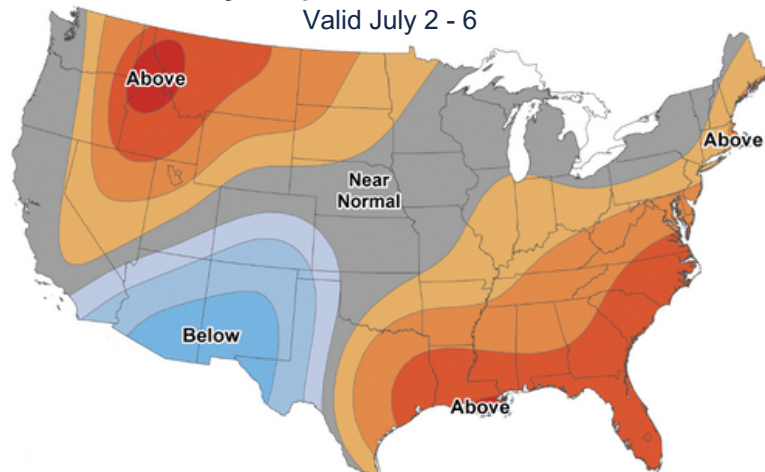
## Key Takeaways

- Virginia is investigating a new measles exposure at Dulles airport.
- 13 new measles cases were reported nationally Fri-Tue. Canada reported 221 new cases last week, and Mexico reported 508.
- Extreme heat blanketed most of the commonwealth this week, and is expected to continue through the weekend.
- Federal agencies issued terrorism and cybersecurity advisories related to Mideast conflict.

## Key Figures

6-10 Day Temperature Outlook Fri Jun 27

Valid July 2 - 6



Although temperatures are expected to moderate over the weekend, temperatures will remain elevated for the next ten days. Heat risk will be moderate or major for most of Virginia through Tuesday.

Image source: [NWS CPC](#)

Active Fires in Canada, Fri Jun 27



Although smoke is not currently affecting air quality in the US, Canada is still battling 313 wildfires, with more than half of those out of control.

Image Source: [CFFC](#)

## HPAI H5N1

2

HPAI H5N1 detections in the last 30 days in US cattle herds as of Jun 27.

## Measles

1,227

Measles cases reported in 2025 across 37 US states as of Jun 24.

## Extreme Heat

978

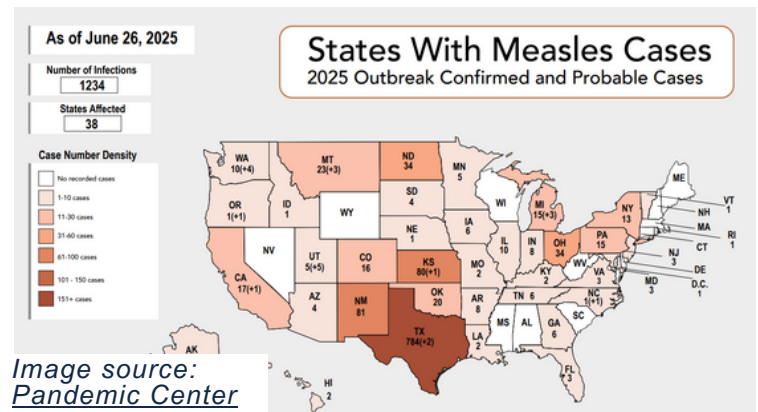
Heat-Related Illness ED and UC visits in Virginia for the 7-day period ending Jun 26.

**Spotlight:**  
Extreme Heat

## Ongoing Monitored Situations

### Measles

- **Virginia is investigating a new measles exposure at Dulles on Jun 19.** The case is an international traveler who visiting North Carolina. North Carolina listed several exposure locations in Greensboro and Kernersville Jun 19 to 21. This is North Carolina's first reported case in 2025.
- **17 measles cases were reported nationally last week.** A CDC official noted the outbreak has 'hit a plateau' and that cases are 'definitely decreasing'. Recent cases have mostly been global introductions with terminal trains of transmission. The official noted that 89% of cases were associated with the Texas outbreak.
- **5 inmates tested positive for measles at a county detention center in New Mexico.** The center houses about 400 adult and juvenile inmates, and employs about 100 staff members. The New Mexico Dept of Health is supporting the response.

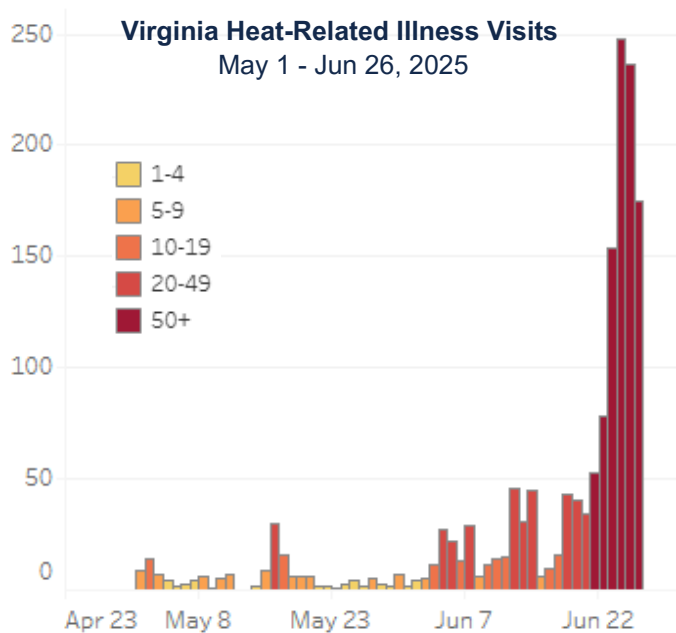


### Other Monitored Situations

- **GI illness remains at or below threshold statewide** but is ticking up in some regions. Respiratory illness is minimal and trending down. However, test positivity for rhinovirus/enterovirus is elevated nationally.
- **Cambodia confirmed two additional avian flu cases,** bringing its 2025 total to 7. Both cases were linked to poultry.
- **145 people, mostly women, attending music festivals across France were pricked by syringes.** Toxicology results are pending and at least 12 people were arrested. Related but indeterminate threats, rumors, and warnings spread online prior to the attacks.
- **The US Dept of Homeland Security issued a terrorism advisory related to Mideast conflict.** The advisory noted the risk of cyber attacks, targeted killings, and terrorist attacks. ASPR also issued an advisory regarding cyber threats to the health and public health sector. Iran-linked hacking targeting banks, defense contractors, and oil companies has been reported, but with low impact.
- **Pacific hurricane Erick was the first major hurricane to hit Mexico's Pacific coast in June or July.** The hurricane rapidly intensified prior to its rare early strike. In the Atlantic, remote and short-lived tropical storm Andrea was the first named storm of the season.
- **A water main break closed Kings Dominion over the weekend.** The break led to a boil water advisory covering the park, Meadow Event Park, and nearby homes and businesses.
- **A train derailed in Augusta County, Va on Monday.** 17 cars derailed, including five carrying hydrochloric acid. However, no hazardous leaks occurred. No injuries or other damage was reported.

### Other News

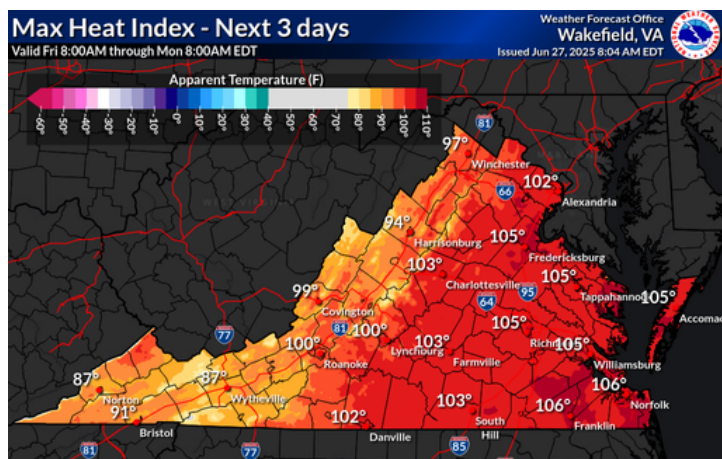
## Spotlight



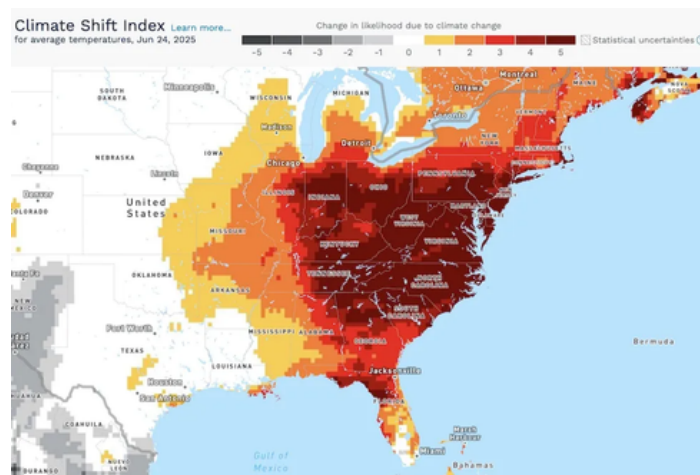
Virginia's emergency departments and urgent care clinics have had 1,542 heat-related illness visits since May 1. On average, Virginia has experienced 765 visits over the same time period each year. Visits peaked at 248 on Wednesday.  
Image Source: [VDH](#)

## Extreme Heat

- A **heat dome** affected much of the Eastern US this week, breaking scores of heat records across the northeast. Temperatures in most of Virginia were 10-15°F above normal at their highest. [Europe](#) and the [UK](#) are also experiencing a major heat wave.
- Heat is the leading cause of **weather-related fatalities**, outpacing floods, wind and tornados. Heat-related deaths have been **increasing** with particularly strong growth over the past 10 years. Increased heat wave frequency, duration and intensity may **explain the increase**. Social vulnerability and power outages may also be a factor.
- **PJM**, the regional grid covering Virginia, issued **Maximum Generation and Load Management Alerts** for [Jun 23-25](#). The alerts encourage generators to defer maintenance to increase supply and large consumers to reduce demand.
- **Six children under age 5 have drowned in swimming pools in Virginia since Memorial Day**, an increase over prior years. From 2022 to 2024 Virginia experienced nine such deaths. Drowning is the leading cause of death in children under age 5.
- **Extreme heat affected transportation infrastructure nationally and in Virginia.** Rail travel was slowed, roads and asphalt buckled, and movable bridges were inoperable. Commuters faced stifling temperatures in outdoor and underground transit stations. In [Baltimore](#), passengers were rescued from an Amtrak train stalled in a tunnel without air conditioning. In Virginia, [Metro](#) and [Amtrak](#) trains were slowed, while firefighters sprayed water to cool the stuck [Great Bridge Bridge](#) in Chesapeake.



Although temperatures are expected to cool slightly over the weekend, 100+ heat indices will still cover much of the state through at least Monday.  
Image Source: [NWS](#)



According to the [Climate Shift Index](#), climate change has made the temperature extremes Virginia experienced on Tuesday 5x more likely.  
Image Source: [Yale CC](#)