



**BILL LEE**  
GOVERNOR  
STATE OF TENNESSEE

June 7, 2024

The Honorable Joseph R. Biden  
President of the United States  
The White House  
Washington, D. C.

Through: Mr. Robert D. Samaan  
Regional Administrator FEMA Region IV  
3005 Chamblee-Tucker Road  
Atlanta, GA 30341

Mr. President:

Under the provisions of Section 401 of the Robert T. Stafford Disaster Relief and Emergency Assistance Act, 42 U.S.C. §§ 5121-5207 (Stafford Act), and implemented by 44 CFR § 206.36, Major Disaster citation 206.36, I request that you declare a major disaster declaration for the State of Tennessee as a result of severe storms, tornadoes, winds, hail, and flooding that occurred May 8-9, 2024.

From May 8-9, 2024, several rounds of severe thunderstorms impacted the state of Tennessee. In the early morning hours of May 8, 2024, an outflow boundary and associated line of storms moved southward out of Kentucky across the Tennessee state line. The warm, unstable air mass combined with strong upper-level atmospheric dynamics created additional waves of storms which traversed the state throughout the day. The atmospheric profile supported isolated supercell thunderstorms and eventually a broken squall line. Both types of storms produced tornadoes, damaging winds, large hail, and heavy rainfall.

In the days and hours before the storms, the National Weather Service's Storm Prediction Center issued a Moderate Risk of severe weather for northern Tennessee and several Tornado Watches. During the storms the National Weather Service (NWS) issued over 200 warnings across the state including a Tornado Emergency and two Flash Flood Emergencies.

In the days following the disaster, the NWS conducted storm surveys and confirmed ten tornadoes: one EF3 in Maury County to Marshall County, one EF2 in Giles County, four EF1 in Lincoln County, one EF1 in Lincoln County to Franklin County, one EF1 in Robertson County, one EF0 in Benton County, and one EF0 in Rutherford County. Many areas of Tennessee were impacted

by large, damaging hail, widespread areas of damaging straight-line winds, and heavy rainfall of up to nine inches in a 24-hour period, which caused significant flash flooding and riverine flooding.

This storm damaged 31 counties in Tennessee. The most severe impacts occurred in 14 counties within the middle and southeast regions of Tennessee including Cannon, Cheatham, Giles, Hamilton, Jackson, Macon, Maury, Montgomery, Polk, Robertson, Rutherford, Smith, Sumner, and Warren counties.

Due to this storm, 459 homes in Tennessee were damaged, of which, 137 homes were determined to have been destroyed or have suffered major damage.

Infrastructure impacts included approximately 69,274 households without power the morning of May 9, 2024, 11,327 customers were under a boil water advisory due to flooding at the Woodbury water treatment plant in Cannon County, the Woodbury sewage plant became inoperable due to flood impacts in Cannon County, and multiple state routes were closed due to road impacts including SR 123, SR 153, SR 27, SR 148, SR 58, SR 108, and SR 266. Reported impacts include more than \$10.4 million in damages to utilities and more than \$2.8 million of debris impacts.

Nine school districts – Campbell County, Cheatham County, Claiborne County, Maury County, Putnam County, Robertson County, Sumner County, Trousdale County, and Wilson County – were closed and an additional nine school districts delayed the start time for school on May 9, 2024, due to damages and concerns following the storms.

Flash flooding from the storm resulted in multiple swift-water rescues. This includes rescuing 35 citizens in Sumner County and 18 citizens in Cheatham County.

### **Response and Recovery Actions**

In response to the needs of our citizens and jurisdictions, Tennessee's state and local governments, volunteer organizations, and electrical cooperatives planned and responded in a manner that saved both life and property.

Tennessee's State Emergency Operations Center (SEOC) was staffed by the Tennessee Emergency Management Agency (TEMA) employees and Emergency Services Coordinators (ESCs) from multiple agencies and partner organizations. Due to the threats of tornadoes, 135 safe spaces were opened across the State. The American Red Cross (ARC) opened a total of five overnight shelters providing beds for five displaced individuals and families for a total of seven nights. The American Red Cross also supported disaster relief by serving 869 meals, handing out 675 relief items including comfort kits and clean up kits to a total of 215 households. There are currently a total of 78 ARC volunteers providing disaster relief services, six of which are trained to support health and mental health. To date, the American Red Cross has opened 70 cases, serving 197 survivors.

The SEOC coordinated 21 resource missions to support local officials. Resource missions included volunteer assistance, bathroom trailers, tarps, traffic control devices, swift water rescue, debris removal to clear roads, signage, coordination of strike teams, shelter coordination, assistance with grid area search, and generators to provide power for the Water Department of Maury County.

Multiple state agencies were involved in the response coordination to include Tennessee Department of Environment and Conservation (TDEC); Tennessee Department of Human Services (TDHS); Tennessee Department of Health (TDH); Tennessee Department of Transportation (TDOT); Tennessee Department of General Services (DGS); Tennessee Emergency Management Agency (TEMA); and the Tennessee Highway Patrol (THP).

Several volunteer organizations have also been involved in disaster relief activities, including TN VOAD, Hope Force, Crisis Clean-Up, TN Baptist Relief, Minuteman Disaster Response, CAM Rapid Response, Inspiritus, Salvation Army, Community Resource Center, and UMCOR. Relief activities have included tasks such as cleaning up flooded homes and businesses, and logistical support. Volunteer organizations supported jurisdictions and survivors by providing mobile feeding, debris removal, chainsaw teams, and muck out support services. Impacted citizens in need of volunteer assistance have been able to request help through a toll-free telephone number from Crisis Cleanup. Community Resource Center donated and delivered 500 tarps.

While volunteer and NGO assistance has been vital in supporting the recovery for the citizens and businesses in impacted areas, unmet needs remain. Many households have suffered uninsured losses of personal belongings, appliances, furniture, vehicles, and homes. It is expected that recovery will be significantly more difficult for low-income individuals and other vulnerable populations.

### **Casualties**

The Tennessee Department of Health attributed the May 8-9, 2024, storms to the deaths of three Tennesseans. The deaths occurred in Claiborne, Rutherford, and Maury counties.

### **Impacts to High Poverty and Vulnerable Communities**

The impacts of the May 8-9, 2024, severe weather event hit hardest in areas that encompass the most economically disadvantaged areas in the State. Because of fiscal constraints, the State and many of these counties are still recovering from the long-term effects of previous major disaster declarations including FEMA- 4427-DR-TN, FEMA-4471-DR-TN, FEMA-4476-DR-TN, FEMA-4514-DR-TN (COVID-19), FEMA- 4541-DR-TN, FEMA-4550-DR-TN, FEMA-4594-DR-TN, FEMA-4601 -DR-TN, FEMA-4609 -DR-TN, FEMA- 4637 -DR-TN, FEMA- 4645 -DR-TN, FEMA- 4691 -DR-TN, FEMA- 4701 -DR-TN, FEMA- 4712 -DR-TN, FEMA- 4729 -DR-TN, FEMA- 4735 -DR-TN, FEMA- 4742 -DR-TN, and FEMA- 4751 -DR-TN with the COVID-19 declaration in an ongoing incident period.

County	Population	% Elderly	% Disabled	Median HH Income	% Below Poverty	% Pre-Disaster Unemployment*
National	331,449,281	17.3%	13.4%	\$74, 755	12.6%	3.7%
State (TN)	6,910,840	17.3%	15.0%	\$65,254	13.3%	3.3%
Cannon	14,506	17.4%	19.6%	\$57,651	15.1%	2.7%
Cheatham	41,072	15.5%	14.6%	\$77,014	9.3%	2.3%
Giles	30,346	20.7%	15.5%	\$56,877	13.5%	2.8%
Hamilton	366,207	18.6%	13.1%	\$76,219	11.3%	2.9%
Jackson	11,617	22.5%	25.9%	\$42,357	19.7%	3.4%
Macon	25,216	15.6%	16.5%	\$51,215	17.3%	2.5%
Maury	100,974	17.1%	11.0%	\$68,157	10.4%	2.4%
Montgomery	220,069	9.9%	14.0%	\$67,264	11.5%	3.3%
Polk	17,544	20.9%	21.8%	\$53,775	12.9%	3.4%
Robertson	72,803	15.4%	10.5%	\$79,171	7.2%	2.4%
Rutherford	341,486	11.4%	11.8%	\$76,857	9.6%	2.4%
Smith	19,904	16.4%	17.0%	\$57,677	14.9%	2.7%
Sumner	196,281	16.9%	11.1%	\$88,674	6.4%	2.4%
Warren	40,953	17.8%	18.9%	\$52,948	16.8%	3.6%

Sources: 2020 US Census Bureau; 2022 American Community Survey; Tennessee Dept of Labor & Workforce Development Unemployment Statistics, April 2024

Many households suffered food loss across the state due to power outages. Replacement SNAP benefits were issued to 318 households for the total amount of \$150,634.00.

County	Individuals	Caseloads	Issuance Amount
Maury	7,030	3,404	\$1,332,865
Cannon	1,359	720	\$252,000
Sumner	11,542	5,391	\$2,204,940
Robertson	5,280	2,549	\$1,032,310
Giles	3,091	1,583	\$557,758
Rutherford	20,381	9,024	\$3,948,584
<b>TOTAL</b>	<b>48,683</b>	<b>22,671</b>	<b>\$9,328,457</b>

Source: TN Dept of Human Service SNAP Distribution March 2024

### Joint Preliminary Damage Assessments

TEMA submitted a request for Joint Individual Assistance (IA) Preliminary Damage Assessments on May 15, 2024, for six counties: Cannon, Giles, Maury, Robertson, Rutherford, and Sumner. The Joint IA Preliminary Damage Assessments validated a total of 446 homes in those six counties were impacted by the disaster. Of those assessed, 136 homes were determined to be destroyed or have major damage. There were 151 homes assessed as having minor damage, 159 were affected, and there are five inaccessible homes, four located in Robertson County and one in Sumner County.

Joint Preliminary Damage Assessments (PDA) for the Public Assistance Program were conducted



on May 23-30, 2024. The Initial Assessment performed by State and local officials identified 31 counties with damages. After a thorough analysis, 12 counties were determined to be of sufficient numbers to warrant validation through the Joint PDA process. The results of this assessment verified all 12 counties met the per capita indicators for public assistance damages. Please see *Enclosure B - Public Assistance (PA) Summary* for additional information.

## **Local Actions and Impacts (Individual Assistance)**

### **Maury County**

On May 8, 2024, Maury County experienced strong to severe storms which also resulted in straight line winds and a tornado. This weather event caused damage to multiple residential structures. There were also impacts to the infrastructure including utility lines, TVA transmission line, communications, and electrical power.

Several areas suffered a loss of utilities to include Newt Hood, Old Highway 99, and the intersection of Blackburn and Lasea with impacts to surrounding areas, to include homes.

Joint PDAs indicate 28 homes have been destroyed, 30 homes sustained major damage, 68 homes were left with minor damage and 110 homes were affected. The types of structures were brick homes, wood frame homes and manufactured homes. Several homeowners have reported either a lack of insurance or being underinsured. There was a significant population impacted who are either elderly or are families with children.

Overnight sheltering was opened by the American Red Cross initially but has since closed as residents have chosen to stay with friends and family or have made other arrangements. Crisis Cleanup has been activated and VOAD partners are engaged. A long-term recovery committee is in the process of being established. There is a significant need for counseling services in the area.

Several businesses were impacted. These included a wedding venue, home-based businesses, agricultural farms, and horse stables. There was one known fatality and an unknown number of injured. Several residents required rescue from collapsed structures.

### **Giles County**

On May 8, 2024, Giles County experienced strong to severe storms which also resulted in a tornado. Extensive damage was assessed to wood frame homes, brick homes and manufactured homes. There were seven homes destroyed, seven with major damage, three with minor, and three affected. Initial power outages have since been restored.

Approximately five residents were displaced. Most of those displaced found placement with family or friends. Local churches have aided survivors and Crisis Cleanup has been activated for the affected areas. There were no fatalities reported but a few minor injuries are reported.

### **Rutherford County**

On May 8, 2024, Rutherford County experienced strong to severe storms which resulted in flooding. Damaged homes varied by construction type, none of the damage was to manufactured

or mobile home parks. There were four homes with major damage, 12 homes with minor damage and 28 homes affected. In addition to the residential damages, one business was impacted. Crisis Cleanup has been activated for the affected areas.

An estimated 150 Rutherford County residents utilized public safety shelters during the height of the storm.

### **Cannon County**

On May 8, 2024, Cannon County experienced strong to severe storms which resulted in a tornado. Damages were concentrated in the areas of Woodbury and Auburntown. Major damage was assessed to 23 wood-frame homes and three with minor damage.

There were at least five residents displaced who stayed with friends and family. There were no fatalities reported but there were reports of a few minor injuries. Widespread power outages were reported and have since been restored to the area.

Local churches and the American Red Cross assisted impacted families, most of who are staying with friends and family. Crisis Cleanup has been activated for the affected areas. There were five businesses impacted by the storms.

### **Sumner County**

On May 8, 2024, Sumner County experienced strong to severe storms and heavy rainfall resulting in flooding and flash flooding. During the two-day period, swift water rescue teams from Sumner County, Metro Nashville/Davidson County, Wilson County responded to water emergencies across Sumner County. During operations, 35 people were rescued from dangerous situations created due to the flooding.

As a result of these storms, emergency protective measures ran through the day and night on Wednesday, and into Thursday morning. Road and utility crews worked through the night to maintain power and open or barricade roadways.

Preliminary Damage Assessments include damages to homes, businesses, roads, bridges, parks, and other municipally owned structures. Crisis Cleanup has been activated for the affected areas. Joint PDAs indicate 18 homes sustaining major damage to, 51 homes deemed minor, and 17 homes affected. In addition, there was one home that was inaccessible.

### **Robertson County**

On May 8, 2024, Robertson County experienced widespread flooding that impacted infrastructure, homes, and business as well an EF1 tornado that resulted in damaged homes. Initially there were 2,000 residents throughout Robertson County without power. As of this letter, all power outages caused by this storm have been restored.

There was damage to brick, wood frames, and modular homes. Joint PDAs found two destroyed homes, 17 with major damage, 14 with minor damage, one affected and four homes were inaccessible. There was one business affected. Several private driveways in the city of Greenbrier

were washed out due to flood waters and rendered homes inaccessible.

One overnight shelter was opened by the American Red Cross initially but has since closed as residents have chosen to stay with friends and family. Crisis Cleanup has been activated for the affected areas.

### **Financial Exhaustion**

Since January 2023, the State of Tennessee has experienced several significant non-Presidential disaster events, resulting in hundreds of State and local missions in support of ongoing transportation incidents, search and rescue incidents, severe weather, fire, and hazardous material incidents. The following provides a snapshot of a subset of the missions, outside of the purview of the Stafford Act, that the State together with its local governmental entities have managed on their own, further exhausting resources, to such an extent that they have strained and will continue to impact budgets for current and past calendar years.

- On January 31, 2023, the National Weather Service issues a Winter Storm Advisory, Winter Storm Warning, and Ice Storm Warning for west Tennessee counties. Ice accumulations caused downed trees and line with power outages. Department of Transportation deployed crews for plowing and salting roads. Multiple county schools closed. Multiple vehicle crashes resulted in blocked roadways.
- On February 15, 2023, the National Weather Service issued a severe storm watch conducive for tornadic activity. Multiple tornado watches occurred throughout the evening. Power outages, flooding, washed-out culverts, road blockages, and structural damages were reported. Multiple school systems closed or chose to open on a two-hour delay.
- On March 24, 2023, Severe weather occurred in west and middle Tennessee bringing power outages, downed trees, road closures, localized flash flooding, and other wind damage. Some structural damage and a gas leak were reported in the city of Fayetteville, Lincoln County. Peak power outages included 71,951 customers.
- On Thursday March 14, 2024, the National Weather Service issued a tornado watch in west Tennessee. Additional thunderstorm warnings were issued in multiple counties throughout the state. Additionally, a Tornado Warning was issued in Franklin County. Wind damage and minor electrical outages were reported.
- On March 17, 2024, the National Weather Service issued a severe weather alert in Memphis. A freeze warning was issued for Lake, Obion, Weakly, Henry, Dyer, Benton, Gibson, and Carroll counties which remained in effect until the next morning. Minor damages due to frozen pipes were reported throughout Western Tennessee.
- On March 20, 2024, the State Watch Point received notification from Fentress County EMA of three wildfires at 5127 Round Mountain Road in Jamestown, 4059 Rugby Pike in Allardt, and 1342 N York Highway in Jamestown. Fentress Fire, Rescue Squad, Allardt Fire, Mount Haden Fire, Fentress EMA, and State Forestry responded.
- On April 2, 2024, the State Emergency Operations Center was activated to Level 4 for severe weather across the state. A cold front with heavy rain, high winds, hail, and multiple tornadoes passed across the state. Five commercial buildings were damaged by a tornado

in the City of Sunbright.

**Severity and Magnitude**

Given these factors, along with the impact of experiencing 19 Major Disaster Declarations in the last five years, the severity and magnitude of this disaster is such that effective response is beyond the capabilities of the state and the affected local governments. Federal assistance under the Stafford Act is necessary to supplement the efforts and available resources of the state, local governments, non-governmental organizations, and compensation by insurance for disaster-related losses.

I am requesting a Major Disaster Declaration for Individual Assistance for the following counties: Cannon, Giles, Maury, Robertson, Rutherford, and Sumner. This request encompasses the Individuals and Households Program, Crisis Counseling, Disaster Unemployment Assistance, Disaster Legal Services and Small Business Administration Disaster Assistance. I also request Public Assistance (Categories A-G) for the following counties: Cannon, Cheatham, Giles, Hamilton, Jackson, Macon, Maury, Montgomery, Polk, Smith, Sumner, and Warren, including support of sheltering and Direct Federal Assistance for those activities that the Tennessee Emergency Management Agency deem necessary. Additionally, I request the Hazard Mitigation Grant Program statewide. The State of Tennessee has completed a Standard State Hazard Mitigation Plan which is effective until October 9, 2028. If additional damages are discovered and reported, this request may be followed up to amend this request for additional counties for Individual Assistance or Public Assistance at a later date.

I have designated TEMA Director Patrick C. Sheehan as the State Coordinating Officer and Governor's Authorized Representative for this request. He will work with FEMA in assessing and validating damages and may provide further information or justifications on my behalf.

Sincerely,



Bill Lee  
Governor

Enclosures

FEMA Form 010-0-13

A – Individual Assistance (IA) Summary

B – Public Assistance (PA) Summary

C – National Weather Service (NWS) Summary



**ENCLOSURE A TO MAJOR DISASTER REQUEST**

Estimated Requirements for Individual Assistance Stafford Act

County  (list each requested county)	Assistance to Individuals and Households					Other Programs  (Disaster Unemployment Assistance, Legal Services, and Crisis Counseling)
	Temporary Housing  (uninsured renters: minor, major, destroyed)	Repairs  (uninsured owners: minor & major)	Replacement  (uninsured destroyed owners)	Permanent Housing Construction	Other Needs Assistance  (low income: minor, major, destroyed)	
Cannon	6	19	0	26	26	Yes
Giles	2	3	2	17	6	Yes
Maury	11	23	6	126	48	Yes
Robertson	8	24	2	33	33	Yes
Rutherford(flood)	3	1	0	10	11	Yes
Rutherford(tornado)	1	6	0	6	4	Yes
Sumner	19	49	0	69	72	Yes
<b>TOTALS</b>	50	125	10	287	200	

**ENCLOSURE B TO MAJOR DISASTER REQUEST**

**FEMA-State PDA Report**

TEMA/FEMA Joint

PRELIMINARY DAMAGE ASSESSMENT

May 8-9, 2024 Tornadoes, Severe Storms, and Flooding

<b>Affected Area</b>	<b>Debris A</b>	<b>Emergency Protective Measures B</b>	<b>Roads Bridges C</b>	<b>Water Control Facilities D</b>	<b>Buildings Equipment E</b>	<b>Utilities F</b>	<b>Parks Other G</b>	<b>Total</b>
Cannon	\$100,000		\$107,000			\$100,000		\$307,000
Cheatham						\$305,261		\$305,261
Giles	\$50,100	\$16,438				\$125,904		\$192,442
Hamilton	\$352,946	\$30,000				\$7,579,334		\$7,962,280
Jackson	\$8,000	\$15,000	\$170,414			\$66,559		\$259,973
Macon	\$10,000		\$140,000					\$150,000
Maury	\$1,944,023	\$653,352	\$200,000			\$1,169,100		\$3,966,475
Montgomery					\$1,817,500	\$71,758		\$1,889,258
Polk						\$118,731		\$118,731
Smith						\$199,225		\$199,225
Sumner	\$365,500		\$97,000			\$640,688	\$265,400	\$1,368,588
Warren	\$10,000	\$16,200	\$110,000			\$54,766		\$190,966
<b>Grand Totals</b>	<b>\$2,840,569</b>	<b>\$730,990</b>	<b>\$824,414</b>		<b>\$1,817,500</b>	<b>\$10,431,326</b>	<b>\$265,400</b>	<b>\$16,910,199</b>

DEPARTMENT OF HOMELAND SECURITY  
Federal Emergency Management Agency  
REQUEST FOR PRESIDENTIAL DISASTER DECLARATION  
MAJOR DISASTER OR EMERGENCY

OMB Control Number 1660-0009  
Expires 06/30/2026

1. Request Date Jun 7, 2024

**Burden Disclosure Notice**

Public reporting burden for this form is estimated to average 9 hours per response. The burden estimate includes the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and submitting the form. This collection of information is required to obtain a benefit. You are not required to respond to this collection of information unless it displays a valid OMB control number. Send comments regarding the accuracy of the burden estimate and any suggestions for reducing the burden to: Information Collections Management, Department of Homeland Security, Federal Emergency Management Agency, 500 C Street SW, Washington, DC 20472, Paperwork Reduction Project (1660-0009). **NOTE: Do not send your completed form to this address.**

Completion of this form including applicable attachments satisfies legal requirements for emergency and major disaster declaration requests under 42 U.S.C. §§ 5170 and 5191, respectively, as implemented at 44 C.F.R. §§ 206.35 and 206.36. Failure to use this form may result in a failure to meet these requirements and/or a delay in processing the request.

2a. Name of State (as defined in Stafford Act 102, 42 U.S.C. § 5122) or Indian tribal government requesting declaration.

Tennessee

2b. Population (as reported by 2020 Census) or estimated population of Indian tribal government's damaged area(s). 6,910,840

3. Governor's or Tribal Chief Executive's Name

Bill Lee, Governor

4. Designation of State or Tribal Coordinating Officer upon declaration (if available) and phone number

Patrick C. Sheehan, Director, TEMA, Military Department 615.741.9987

5. Designation of Governor's Authorized Representative or Tribal Chief Executive Representative upon declaration (if available) and phone number

Patrick C. Sheehan, Director, TEMA, Military Department 615.741.9987

6. Declaration Request For:

Major Disaster (Stafford Act Sec. 401)

Emergency (Stafford Act Sec. 501 (a))

7. Incident Period: Beginning Date End Date  
May 8, 2024 May 9, 2024 or  Continuing

*If requesting a "continuing" incident period, enclose an official statement from a qualified Federal Government agency acknowledged as a national authority in a specific incident field (e.g., United States Geological Survey for seismic incidents, the National Weather Service for flooding).*

7b. Type of Incident (Check all that apply)

- Drought  Earthquake  Explosion  Fire  Flood  Hurricane  Landslide  Mudslide  
Severe Storm  
 (rain, high water, wind-driven, rain, hail, lightning)  Snowstorm (Must include Enclosure D: Historic and Current Snowfall Data)  Straight-Line Winds  
 Tidal Wave  Tornado  Tropical Depression  Tropical Storm  Tsunami  Volcanic Eruption  Winter Storm  
 Other (please specify) \_\_\_\_\_

8. Description of damages (Short description of impacts of disaster on affected area and population). Include additional details in enclosed Governor's or Tribal Chief Executive's cover letter.

Beginning on May 8, 2024, a series of severe storms brought damaging winds, hail tornadoes, and flooding into Tennessee. Storms on this day had widespread impacts and caused vast damages across the State. The rain saturated grounds, setting the conditions for greater flood impacts to follow during the second series of storms which continued into the early morning of the following day. There were two confirmed deaths reported and several injuries as a result of the storms. There were approximately 554 reports of damages to homes and businesses that vary from inaccessible to destroyed. The path of storms traveled across the state causing damages in 31 counties. Roads were impassable as a result of downed trees, the amount of rain caused flooding which resulted in swift water teams being called for search and rescue. - See the Declaration Letter for additional details -

9. Description of the nature and amount of State and local or Indian tribal government resources which have been or will be committed. Include additional details in enclosed Governor's or Tribal Chief Executive's cover letter.

In response to the needs of residents and communities, Tennessee State and local governments, as well as volunteer organizations, planned and responded to a degree that saved both life and property. The State of Tennessee's Emergency Operations Center (SEOC) was staffed and supported by the Tennessee Emergency Management Agency (TEMA) and Emergency Services Coordinators (ESCs) from the Tennessee Department of Transportation (TDOT), the Tennessee Highway Patrol (THP) component of the Tennessee Department of Safety and Homeland Security, Tennessee Department of Environment and Conservation (TDEC), Tennessee Department of General Services (TDGS), Tennessee Department of Human Services (TDHS), and Tennessee Department of Health (TDH). - See the Declaration Letter for additional details -

10. Joint Preliminary Damage Assessment\*

Individual Assistance    Dates Performed **Requested** May 15, 2024    **Start** May 17, 2024    **End** May 24, 2024

Individual Assistance Accessibility Problems (Areas that could not be accessed, and why)

Public Assistance    Dates Performed **Requested** May 20, 2024    **Start** May 23, 2024    **End** May 30, 2024

Public Assistance Accessibility Problems (Areas that could not be accessed, and why)

11. Programs and Areas Requested

Individual Assistance  N/A     Individuals and Households Program     Crisis Counseling Program     Disaster Unemployment Assistance  
 All     Disaster Case Management     Disaster Legal Services     Small Business Administration (SBA) Disaster Assistance

For the following jurisdictions, specify programs and areas (counties, parishes, independent cities; for Indian tribal government, list tribe(s) and/or tribal area(s)) If additional space is needed, please enclose additional documentation).

All IA programs are being requested for consideration in the counties listed below:

Cannon, Giles, Maury, Robertson, Rutherford, and Sumner counties

For States, identify Federally-recognized Tribes in the requested counties (if applicable).

Please see **Enclosure A: Supplemental Information for Individual Assistance** for additional information in support of this request\*.

\*Not Required for Emergency Declaration Request



11. Programs and Areas Requested (Continued)

Public Assistance  N/A  Debris Removal (Category A)  Emergency Protective Measures (Category B)  Permanent Work (Categories C-G)\* (not available for Emergency Declaration Requests)

For the following jurisdictions, specify programs and areas (counties, parishes, independent cities; for Indian tribal government, list tribe(s) and/or tribal area(s)). If additional space is needed or your request includes different categories of work for different jurisdictions; please enclose additional documentation.

Public Assistance, Categories A-G for Emergency Work and Permanent Work for the counties of:

Cannon, Cheatham, Giles, Hamilton, Jackson, Macon, Maury, Montgomery, Polk, Smith, Sumner, and Warren counties

For States, identify Federally-recognized Tribes included in the requested counties (if applicable).

Please see **Enclosure B: Supplemental Information for Public Assistance** for additional information in support of this request\*.

**Indemnification for Debris Removal Activity**

I do not anticipate the need for debris removal.

I anticipate the need for debris removal, which poses an immediate threat to lives, public health and safety. Pursuant to Sections 403 and 407 of the Stafford Act, 42 U.S.C. §§ 5170b & 5173, the State or Indian tribal government agrees to indemnify and hold  harmless the United States of America for any claims arising from the removal of debris or wreckage for this disaster. The State or Indian tribal government agrees that debris removal from public and private property will not occur until the landowner signs an unconditional authorization for the removal of debris.

**Request for Direct Federal Assistance**

I do not request direct Federal assistance at this time.

I request direct Federal assistance for work and services to save lives and protect property, and:

a. I request the following type(s) of assistance:  
Debris Removal technical assistance, monitoring, guidance, and other measures identified at a later date.

b. List of reasons why State and local or Indian tribal government cannot perform, or contract for, required work and services. New and ongoing declarations have absorbed our resources. USACE has subject matter expertise, knowledge, and experience that is invaluable in debris missions.

c. In accordance with 44 C.F.R. § 206.208, the State or Indian tribal government agrees that it will, with respect to direct Federal assistance: (1) Provide without cost to the United States all lands, easements, and rights-of-ways necessary to accomplish the approved work; (2) Hold and save the United States free from damages due to the requested work, and shall indemnify the Federal Government against any claims arising from such work; (3) Provide reimbursement to FEMA for the non-Federal share of the cost of such work in accordance with the provisions of the FEMA-State or FEMA-Tribe Agreement ; and (4) Assist the performing Federal agency in all support and local jurisdictional matters.

**Request for Snow Assistance**

N/A  I request snow assistance.

Snow assistance for the following jurisdictions (Specify counties, independent cities or tribes and/or tribal areas).

Please see **Enclosure D: Historic and Current Snowfall Data** for additional information in support of this request\*.

\*Not Required for Emergency Declaration Request

11. Programs and Areas Requested (Continued)

Hazard Mitigation\*  Statewide **OR**

For the following specific counties, parishes, independent cities or tribes and/or tribal areas.

12. Mitigation Plan Information\*

a. Mitigation Plan Expiration Date October 9, 2028 b. Type of Plan  Enhanced  Standard

13. Other Federal Agency Programs

I do not anticipate requirements from Other Federal Agencies  I do anticipate requirements from Other Federal Agencies

Please see **Enclosure C**: Requirements for Other Federal Agency Programs for additional information in support of this request\*.

14. Findings and Certifications

I certify the following:

- a. I have determined that this incident is of such severity and magnitude that effective response is beyond the capabilities of the State and the affected local government or Indian tribal government and that supplementary federal assistance is necessary.
- b. In response to this incident, I have taken appropriate action under State or tribal law and have directed the execution of the State or Tribal Emergency Plan on May 8, 2024 in accordance with the Stafford Act.
- c. The State and local governments, or Indian tribal government will assume all applicable non-Federal share of costs required by the Stafford Act.

15. List of Enclosures and Supporting Documentation

- Cover Letter  Enclosure A (Individual Assistance)\*  Enclosure B (Public Assistance)\*
- Enclosure C (Requirements for Other Federal Agency Programs)  Enclosure D (Historic and Current Snowfall Data)
- Additional Supporting Documentation NWS Summary Report



\_\_\_\_\_  
Governor's or Tribal Chief Executive's Signature

June 7, 2024

\_\_\_\_\_  
Date

If anyone except the Governor or Tribal Chief Executive signs this document, please provide the documentation that establishes that this individual has the legal authority to act on behalf of the Governor or Tribal Chief Executive.

\*Not Required for Emergency Declaration Request



**U.S. DEPARTMENT OF COMMERCE**  
**National Oceanic and Atmospheric Administration**  
NATIONAL WEATHER SERVICE  
500 Weather Station Road  
Old Hickory, TN 37138

May 25th, 2024

## **Tennessee Severe Weather Outbreak and Flooding May 8th and 9th, 2024**

### **Overview**

One of the more widespread severe thunderstorm events to impact Tennessee in several years occurred from the early morning hours on Wednesday, May 8, 2024 into the early morning of Thursday, May 9, 2024, especially for Middle and East Tennessee. Several waves of severe thunderstorms, including many supercells, impacted the entire state during this period, first on Wednesday morning, then from Wednesday afternoon into Wednesday evening, and finally overnight Wednesday night into early Thursday morning. In total, 106 Severe Thunderstorm Warnings, 44 Tornado Warnings, and 26 Flash Flood Warnings were issued by NWS Offices across the state during the event. This included one Tornado Emergency and two Flash Flood Emergencies in Middle Tennessee, which is the first time NWS Nashville has issued both a Tornado Emergency and Flash Flood Emergency during the same weather event.

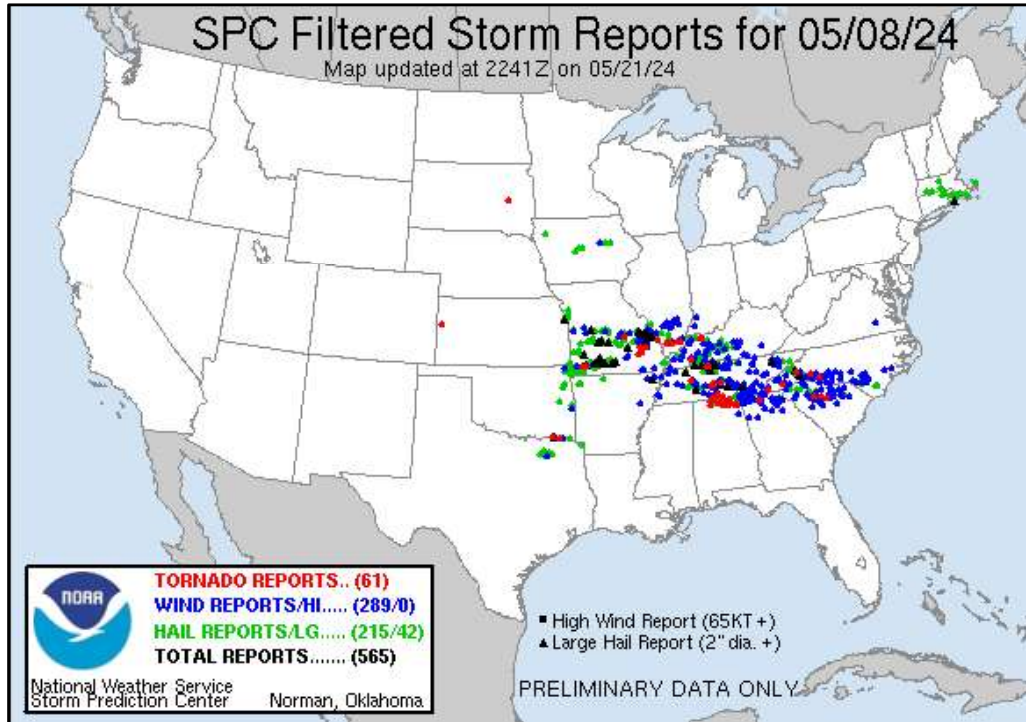
The [Storm Prediction Center](#) had a Slight Risk (15% area) for West and portions of Middle Tennessee five days prior to the event and shifted the 15% area to cover most of the state by four days prior to the event. Three days before the event, the entire state was covered with a Slight Risk with portions of West and Middle Tennessee included in an Enhanced Risk. This Enhanced Risk was expanded to cover the majority of the state two days before the event, with the introduction of a Moderate Risk area across northern portions of West and Middle Tennessee the morning of the event. Multiple Tornado Watches were issued on May 9th, covering most of the state for the majority of the afternoon and evening. In addition to the widespread severe weather, multiple rounds of heavy rainfall led to significant flash flooding across Middle Tennessee. Some locations saw over 8 inches of rainfall in the 24-hour period.

After the conclusion of the event, multi-day damage surveys were conducted by all four TN-serving NWS office including NWS Huntsville, NWS Memphis, NWS Morristown, and NWS Nashville resulting in confirming ten tornadoes across the state and large swaths of confirmed damaging straight-line winds. In total, there were two EF-0 tornadoes, six EF-1 tornadoes, one EF-2 tornado, and one EF-3 tornado which occurred in Maury and Marshall Counties. In addition to the tornadoes, widespread wind damage occurred across many counties in Middle and East Tennessee and large hail up to apple size. Multiple locations saw widespread straight-line wind damage associated with at least 70 mph winds, with some locations seeing 80+ mph. Unfortunately, there were multiple injuries and fatalities related to this severe weather event. There was at least two fatalities and 13 injuries, with one fatality and 12 of the injuries related to the EF-3 tornado in Maury and Marshall Counties and the other injury with the EF-2 tornado in Giles County. The known other fatality occurred in Claiborne County due to a tree that fell on a car during a severe thunderstorm.



# Preliminary Storm Reports from May 8th and 9th

## List of Storm Reports from May 8th and 9th, 2024



Graphic above shows storm reports from 7 AM on May 8th through 7 AM on May 9th

## Preliminary Tornado Summary

The table below includes a preliminary list of tornadoes that occurred on May 8th and 9th.

Start & End Time (CDT)	County / Counties	Location	EF Rating	Est. Peak Winds	Storm Survey Details
05/08/2024 14:43 – 14:49	Robertson	Cedar Hill	EF-1	90 mph	<a href="#">NWS Nashville Summary</a>
05/08/2024 17:37 – 18:07	Maury and Marshall	Columbia	EF-3	140 mph	<a href="#">NWS Nashville Summary</a>
05/08/2024 18:32 – 18:36	Rutherford	Christiana	EF-0	80 mph	<a href="#">NWS Nashville Summary</a>
05/08/2024 19:50 – 20:00	Giles	Prospect	EF-2	115 mph	<a href="#">NWS Nashville Summary</a>
05/08/2024 20:15 – 20:33	Lincoln	Poorhouse Hollow	EF-1	105 mph	<a href="#">NWS Huntsville Summary</a>
05/08/2024 21:02 – 21:06	Lincoln	Corders Crossroads	EF-1	105 mph	<a href="#">NWS Huntsville Summary</a>



05/09/2024 01:39 – 01:41	Benton	New Johnsonville	EF-0	85 mph	<a href="#">NWS Memphis Summary</a>
05/09/2024 03:44 – 03:50	Lincoln	Hopper Road	EF-1	95 mph	<a href="#">NWS Huntsville Summary</a>
05/09/2024 04:06 – 04:16	Lincoln	SW Flintville	EF-1	100 mph	<a href="#">NWS Huntsville Summary</a>
05/09/2024 04:10 – 04:23	Lincoln and Franklin	NE Flintville / Whites Gap	EF-1	105 mph	<a href="#">NWS Huntsville Summary</a>

## **Other Storm Survey Results**

The table below includes a preliminary list of other locations that were surveyed by NWS Offices as a result of damage that occurred on May 8th and 9th.

<b>County / Counties</b>	<b>Location</b>	<b>Results</b>	<b>Est. Peak Winds</b>	<b>Storm Survey Details</b>
Cannon	Ivy Bluff	Straight-line wind damage	85 mph	<a href="#">NWS Nashville Summary</a>
Giles	Richland Trace and Pulaski	Straight-line wind damage	75 mph	<a href="#">NWS Nashville Summary</a>
Hamblen	Russellville	Straight-line wind damage	90 mph	<a href="#">NWS Morristown Summary</a>
Lawrence	Laurel Hill Wildlife Management Area	Straight-line wind damage	75 mph	<a href="#">NWS Nashville Summary</a>
Maury	Culleoka	Straight-line wind damage	75 mph	<a href="#">NWS Nashville Summary</a>
Perry	Pine View and Flat Woods	Straight-line wind damage	75 mph	<a href="#">NWS Nashville Summary</a>
Rutherford	Christiana	Straight-line wind damage	75 mph	<a href="#">NWS Nashville Summary</a>
Rutherford	Eagleville	Straight-line wind damage	90 mph	<a href="#">NWS Nashville Summary</a>
Shelby and Fayette	Millington	Straight-line wind damage	80 mph	<a href="#">NWS Memphis Summary</a>
Smith	Carthage	Straight-line wind damage	75 mph	<a href="#">NWS Nashville Summary</a>
Sumner	White House	Straight-line wind damage	70 mph	<a href="#">NWS Nashville Summary</a>
Warren	Morrison	Straight-line wind damage	80 mph	<a href="#">NWS Nashville Summary</a>
Wilson	NE Lebanon & Taylorsville	Straight-line wind damage	85 mph	<a href="#">NWS Nashville Summary</a>

## Damage Reports

Reports of damaging winds and hail are listed below. Damage reports related to tornadoes can be found in the summaries above.

<b>Report Date &amp; Time (LST)</b>	<b>County</b>	<b>Location</b>	<b>Event Type</b>	<b>Remark (Hail includes magnitude)</b>
05/08/2024 04:25	Stewart	5 ESE Bumpus Mills	Thunderstorm Wind Damage	Report of trees down in the Big Rock area.
05/08/2024 06:25	Sumner	7 NW Gallatin	Thunderstorm Wind Damage	Facebook report of a tree down in Cottontown.
05/08/2024 06:47	Macon	Lafayette	Thunderstorm Wind Damage	Facebook report of several trees blown down in Lafayette around Ellington Dr at Meador Dr.
05/08/2024 07:05	Macon	1 SSE Red Boiling Springs	Hail	1 inch
05/08/2024 07:06	Macon	3 SSE Red Boiling Springs	Thunderstorm Wind Damage	Downed trees. Delayed report.
05/08/2024 07:39	Overton	7 WNW Livingston	Hail	1.75 inches
05/08/2024 07:40	Overton	2 W Livingston	Thunderstorm Wind Damage	Trees down on Walnut Grove Road.
05/08/2024 07:43	Overton	1 S Livingston	Thunderstorm Wind Damage	Trees down on west Main Street in Livingston.
05/08/2024 08:55	Scott	Winfield	Thunderstorm Wind Damage	Trees down.
05/08/2024 09:50	Morgan	Sunbright	Thunderstorm Wind Damage	Trees down.
05/08/2024 09:55	Hamblen	1 WSW Russellville	Thunderstorm Wind Damage	Roof damage to the mausoleum at Hamblen Memory Gardens.
05/08/2024 09:55	Claiborne	1 ENE Lone Mountain	Thunderstorm Wind Damage	*** 1 FATAL *** Trees down. Home destroyed. Tree fell on car killing the occupant at the intersection of Lone Mountain Rd, and Jennings Lane.
05/08/2024 10:20	Grainger	Rutledge	Hail	2.5 inches
05/08/2024 10:25	Grainger	Bean Station	Thunderstorm Wind Damage	Trees and power lines down countywide.
05/08/2024 10:35	Grainger	Bean Station	Hail	1.5 inches
05/08/2024 10:44	Hamblen	Morristown	Hail	1.00 inch
05/08/2024 10:45	Hamblen	Russellville	Thunderstorm Wind Damage	Large Trees Down.

05/08/2024 10:45	Hamblen	2 NE Morristown	Thunderstorm Wind Damage	Tree on house on Old Liberty Hill Rd.
05/08/2024 10:45	Hamblen	2 NE Morristown	Thunderstorm Wind Damage	Tree down on home on Quillen Drive.
05/08/2024 10:50	Hamblen	1 WSW Russellville	Thunderstorm Wind Damage	Corrected time of previous Thunderstorm Wind Damage report from 1 WSW Russellville. Roof damage to the mausoleum at Hamblen Memory Gardens.
05/08/2024 10:55	Hamblen	Russellville	Thunderstorm Wind Damage	Roof, window, and other structural damage to Russellville Intermediate School.
05/08/2024 11:15	Greene	Mosheim	Hail	1.5 inches
05/08/2024 11:48	Washington	2 ENE Liberty	Hail	1.25 inches
05/08/2024 12:10	Cocke	3 NNW Newport	Thunderstorm Wind Damage	Few trees down.
05/08/2024 14:20	Davidson	8 E Ashland City	Hail	Twitter photo showed hail up to quarter size in the Beaman Park area. (1.00 in)
05/08/2024 14:20	Montgomery	3 NNW Fredonia	Thunderstorm Wind Damage	Facebook report of a tree snapped near McAdoo Creek Road and Highway 12 along with damage to a barn roof.
05/08/2024 14:57	Robertson	Cedar Hill	Hail	Facebook report of 2 inch diameter hail in Cedar Hill. (2.00 in)
05/08/2024 15:15	Robertson	7 NNE Springfield	Hail	Facebook report of tennis ball size hail in the Youngville area. (2.5 in)
05/08/2024 15:20	Henderson	3 SW Darden	Hail	South of Chesterfield along Highway 114 approximately two miles south of Highway 412. (1.25 in)
05/08/2024 15:22	Stewart	Bumpus Mills	Hail	1 inch
05/08/2024 15:28	Robertson	2 N Cross Plains	Hail	Report from mPING: Quarter (1.00 in.).
05/08/2024 15:30	Stewart	1 E Bumpus Mills	Hail	3 inches
05/08/2024 15:33	Henry	1 WNW Paris	Hail	2 inches
05/08/2024 15:34	Henry	1 NW Paris	Hail	1 inch
05/08/2024 15:36	Decatur	2 W Parsons	Hail	1 inch

05/08/2024 15:37	Decatur	Parsons	Hail	1.75 inches
05/08/2024 15:44	Henry	1 WNW Paris	Hail	1.75 inches
05/08/2024 15:54	Sumner	1 SSE Portland	Hail	1.25 inches
05/08/2024 16:05	Montgomery	Clarksville	Hail	Tspotter photo of apple size hail in Clarksville. (3.00 in)
05/08/2024 16:05	Perry	8 W Lobelville	Thunderstorm Wind Damage	Trees and powerlines down near Pine View. Time is radar estimated.
05/08/2024 16:06	Montgomery	2 SW Clarksville	Hail	Report from mPING: Golf Ball (1.75 in.).
05/08/2024 16:08	Montgomery	Clarksville	Hail	1.75 inches
05/08/2024 16:15	Perry	9 S Linden	Hail	Reported in the Flat Woods area. (2.75 in)
05/08/2024 16:17	Montgomery	5 SSW Clarksville	Hail	2 inches
05/08/2024 16:24	Perry	9 S Linden	Thunderstorm Wind Damage	Trees and powerlines down. Time is radar estimated.
05/08/2024 16:36	Lewis	2 SE Hohenwald	Hail	Report from mPING: Half Dollar (1.25 in.).
05/08/2024 16:43	Lewis	Hohenwald	Hail	1.75 inches
05/08/2024 16:43	Lewis	2 SE Hohenwald	Hail	Estimated golf ball size hail. (1.75 in)
05/08/2024 16:44	Lewis	2 SE Hohenwald	Hail	Estimated 1.5 inch hail.
05/08/2024 16:54	Lewis	2 SE Hohenwald	Hail	Estimated golf ball size hail. (1.75 in)
05/08/2024 17:00	Robertson	5 WSW Cross Plains	Hail	Facebook report of estimated golf ball size hail along Baggett Road east of Springfield. (1.75 in)
05/08/2024 17:09	Robertson	1 NE White House	Hail	Report from mPING: Quarter (1.00 in.).
05/08/2024 17:10	Dickson	Cumberland Furnace	Hail	Facebook photo showed quarter size hail in Cumberland Furnace. (1.00 in)
05/08/2024 17:15	Robertson	2 N White House	Hail	2.00 inch
05/08/2024 17:17	Robertson	1 NE White House	Hail	Report from mPING: Quarter (1.00 in.).
05/08/2024 17:27	Cheatham	Ashland City	Thunderstorm Wind Damage	Facebook photo showed tree down on home in Ashland City off River Road.



05/08/2024 17:28	Cheatham	6 SE Ashland City	Thunderstorm Wind Damage	Trees and powerlines down. Time is radar estimated.
05/08/2024 17:28	Cheatham	4 S Ashland City	Thunderstorm Wind Damage	Trees and powerlines down on Overlook Road. Time is radar estimated.
05/08/2024 17:29	Wilson	7 NNE Lebanon	Thunderstorm Wind Damage	Trees and powerlines down on Thomas Road near the county line of Trousdale/Wilson Counties. Tornado damage possible.
05/08/2024 17:30	Cheatham	3 E Ashland City	Hail	Estimated 2 inch hail. (2.00 in)
05/08/2024 17:30	Sumner	2 ESE White House	Thunderstorm Wind Damage	Several trees were blown down near intersection of Meadows and N Palmers Chapel Rd.
05/08/2024 17:30	Sumner	3 E White House	Thunderstorm Wind Damage	Several trees were blown down along Fern Valley Road.
05/08/2024 17:34	Cheatham	6 S Coopertown	Hail	Report from mPING: Half Dollar (1.25 in.).
05/08/2024 17:34	Smith	4 W South Carthage	Thunderstorm Wind Damage	Trees and powerlines reported down in Dickson Springs west of Carthage. Time is radar estimated. Possible tornado damage.
05/08/2024 17:43	Sumner	2 W Gallatin	Hail	Estimated quarter size hail. (1.00 in)
05/08/2024 17:45	Sumner	1 ESE White House	Thunderstorm Wind Damage	Large tree down along Dawn Court.
05/08/2024 17:48	Maury	6 E Columbia	Thunderstorm Wind Damage	Photo received of significant amount of damage done to an RV and the surrounding area. Multiple trees snapped, furniture flipped, RV toppled over. Time is radar estimated. Likely tornado damage.
05/08/2024 17:57	Bedford	3 SSE Eagleville	Thunderstorm Wind Damage	Photos received of tress down on fence. Time is radar estimated. Possible tornado damage.
05/08/2024 17:57	Bedford	2 NNW Shelbyville	Thunderstorm Wind Damage	Photo received of tree down with damage to fence on either side. Time is radar estimated. Possible tornado damage.
05/08/2024 17:57	Sumner	1 SE Gallatin	Thunderstorm Wind Damage	Thunderstorm wind damage reported just south of Gallatin, including broken tree limbs and broken power poles.
05/08/2024 17:57	Sumner	3 S Gallatin	Thunderstorm Wind Damage	Facebook report of a tree down along Woods Ferry Road just south of Gallatin.

05/08/2024 18:00	Wilson	8 NE Lebanon	Thunderstorm Wind Damage	Facebook report of numerous trees down in the Taylorsville area along with a collapsed barn.
05/08/2024 18:03	Davidson	1 SSE Inglewood	Hail	1 inch
05/08/2024 18:05	Sumner	5 E Gallatin	Thunderstorm Wind Damage	Multiple large trees were blown down near Bledsoe Creek State Park.
05/08/2024 18:10	Sumner	4 E Gallatin	Thunderstorm Wind Damage	Uprooted trees reported along Hidden Woods Trail east of Gallatin from severe thunderstorm winds.
05/08/2024 18:10	Trousdale	1 NNW Hartsville	Thunderstorm Wind Damage	Several trees were blown down in Hartsville.
05/08/2024 18:21	Trousdale	1 E Hartsville	Thunderstorm Wind Damage	Broken tree limbs and snapped power poles reported from severe thunderstorm winds east of Hartsville.
05/08/2024 18:22	Rutherford	4 ENE Eagleville	Thunderstorm Wind Damage	Lucky Ladd Farms received structural damage and has numerous trees down. Time is radar estimated. Tornado damage possible.
05/08/2024 18:30	Wilson	7 NE Lebanon	Thunderstorm Wind Damage	Trees were blown down and outbuildings were damaged along Taylorsville Rd.
05/08/2024 18:34	Smith	4 W South Carthage	Thunderstorm Wind Damage	Corrected report for time. Trees and powerlines reported down in Dickson Springs west of Carthage. Time is radar estimated. Possible tornado damage.
05/08/2024 18:40	Wilson	7 ENE Lebanon	Thunderstorm Wind Damage	Delayed report - tree damage and multiple uprooted trees in Lebanon off of Carthage Highway.
05/08/2024 18:42	Smith	Carthage	Thunderstorm Wind Damage	Photos received on social media of numerous trees and powerlines down along Jefferson Ave. Time is radar estimated. Tornado damage possible.
05/08/2024 18:43	Smith	Carthage	Thunderstorm Wind Damage	Photos received on social media of trees snapped and a large tree uprooted along Cullum Street. Structural damage to a house caused by fallen tree. Tornado damage possible. Time is radar estimated.

05/08/2024 18:47	Smith	Carthage	Thunderstorm Wind Damage	Structure damage reported along Carmack and Colonial Avenue in Carthage. Time is radar estimated. Tornado damage possible.
05/08/2024 18:49	Smith	Carthage	Thunderstorm Wind Damage	Steeple blown off North Carthage Baptist Church, cars also damaged by falling trees in the area. Possible tornado damage.
05/08/2024 18:52	Rutherford	8 NE Unionville	Thunderstorm Wind Damage	Photo received of large tree down and tree resting on powerlines and on top of a house. Time is radar estimated. Tornado damage possible.
05/08/2024 19:07	Rutherford	7 S Murfreesboro	Hail	Estimated quarter size hail. (1.00 in)
05/08/2024 19:20	Coffee	1 NW Manchester	Thunderstorm Wind Damage	Facebook report of a downed tree on Taylor Street in Manchester.
05/08/2024 19:24	Cannon	6 WSW Centertown	Thunderstorm Wind Damage	Several trees down in the Ivy Bluff Rd, Pleasant View Rd, and McMahan Rd area. Report from Facebook.
05/08/2024 19:34	Coffee	7 ESE Manchester	Thunderstorm Wind Damage	Facebook report of a tree down near the intersection of Highway 41 and Highway 127 in Hillsboro.
05/08/2024 19:36	Bedford	5 NNW Shelbyville	Hail	Facebook report of estimated golf ball size along Midland Road near Shelbyville Airport. (1.75 in)
05/08/2024 19:40	Bedford	6 E Unionville	Hail	Photo received of hailstone along Midland Road near the airport in Shelbyville. Time is radar estimated. (2.00 in)
05/08/2024 19:41	Warren	4 NE Morrison	Thunderstorm Wind Damage	Several trees down on property around 6100 block of Manchester Highway.
05/08/2024 19:50	Giles	3 WSW Elkton	Thunderstorm Wind Damage	*** 1 INJ *** Tress down and mobile home demolished. Tornado damage possible.
05/08/2024 19:58	Grundy	5 N Beersheba Springs	Thunderstorm Wind Damage	Facebook photos show extensive tree damage and snapped power poles on Cove Creek Road.
05/08/2024 20:02	Lincoln	9 SW Petersburg	Thunderstorm Wind Damage	Numerous trees down near Roger Monk Rd. Possible tornado.
05/08/2024 20:13	Coffee	Manchester	Hail	Corrects previous hail report from Manchester. Facebook report of estimated 2 hail with photo near Manchester TN. (2.00 in)

05/08/2024 20:14	Coffee	3 WNW Manchester	Thunderstorm Wind Damage	Facebook report of a tree and power line down on River Bluff Road in Manchester.
05/08/2024 20:18	Coffee	7 N Manchester	Thunderstorm Wind Damage	Facebook report of a downed tree along Elrod Road in Manchester.
05/08/2024 20:19	Warren	3 S Centertown	Thunderstorm Wind Damage	Uprooted trees reported south of Centertown.
05/08/2024 20:20	Coffee	1 NW Manchester	Thunderstorm Wind Damage	Corrects previous Thunderstorm Wind Damage report from 1 NW Manchester. Facebook report of a downed tree on Taylor Street in Manchester.
05/08/2024 20:23	Lincoln	12 WSW Fayetteville	Thunderstorm Wind Damage	Numerous Trees down and barn damage near Blanch Rd. Possible tornado.
05/08/2024 20:27	Coffee	5 SW Viola	Thunderstorm Wind Damage	Facebook report of a tree down on Hillsboro Viola Road north of Hillsboro.
05/08/2024 20:34	Coffee	7 ESE Manchester	Thunderstorm Wind Damage	Corrects previous Thunderstorm Wind Damage report from 7 ESE Manchester. Facebook report of a tree down near the intersection of Highway 41 and Highway 127 in Hillsboro.
05/08/2024 20:35	Cumberland	1 E Fairfield Glade	Thunderstorm Wind Damage	Public reported trees down in Fairfield Glade.
05/08/2024 20:50	Lincoln	10 S Fayetteville	Thunderstorm Wind Damage	Trees down in the Old Quick Rd and South Patrick Rd area.
05/08/2024 20:53	Coffee	Manchester	Hail	Facebook report of estimated 2" hail with photo near Manchester TN around 8:50 PM. (2.00 in)
05/08/2024 20:55	Cannon	7 W Centertown	Thunderstorm Wind Damage	Large tree down completely blocking roadway on the 800 block of Geedsville. Possible tornado damage.
05/08/2024 21:15	Scott	2 WSW Elgin	Thunderstorm Wind Damage	Trees down on Nydeck Trail that have resulted in powerlines being knocked down. Location approximate and timing based on radar.
05/08/2024 21:43	Bledsoe	3 S Palio	Hail	Report from mPING: Tea Cup (3.00 in.).
05/08/2024 21:50	Bradley	1 N Hopewell	Thunderstorm Wind Damage	Trees down.
05/08/2024 21:50	Roane	2 NE Harriman	Thunderstorm Wind Damage	Trees down on Highway 61. Time estimated by radar.

05/08/2024 21:55	Marion	Orme	Hail	Emergency manager reported hail from a trained spotter. (1.00 in.)
05/08/2024 22:00	Roane	Kingston	Thunderstorm Wind Damage	Trees and powerlines down county-wide.
05/08/2024 22:10	Bradley	1 E Mcdonald	Thunderstorm Wind Damage	Trees down.
05/08/2024 22:10	McMinn	Athens	Thunderstorm Wind Damage	Trees down close to Athens. Location approximate. Time estimated by radar.
05/08/2024 22:11	Marion	3 SE South Pittsburg	Hail	Report from mPING: Quarter (1.00 in.).
05/08/2024 22:15	Bledsoe	3 NE Palio	Thunderstorm Wind Damage	Trees down across the county with time estimated from radar.
05/08/2024 22:25	Marion	South Pittsburg	Hail	1.5 inches
05/08/2024 22:25	Bradley	4 NW Oldfort	Thunderstorm Wind Damage	Trees down.
05/08/2024 22:30	Davidson	1 SSW Nashville	Lightning	Lightning strike hit building causing a fire.
05/08/2024 22:30	Marion	Haletown (guild)	Thunderstorm Wind Damage	Trees down.
05/08/2024 22:30	Blount	1 E Friendsville	Thunderstorm Wind Damage	Trees and powerlines down along Vinegar Valley Road.
05/08/2024 22:45	Blount	1 NE Maryville	Thunderstorm Wind Damage	Trees and powerlines down across the county. Much of downtown Maryville is without power. Also, a tree caught on fire due to downed powerlines.
05/08/2024 22:55	Monroe	4 NE Bullet Creek	Thunderstorm Wind Damage	One tree down.
05/08/2024 23:05	Jefferson	2 WSW Jefferson City	Thunderstorm Wind Damage	Couple of trees blown down on either side of New Market, TN. Time estimated by radar.
05/08/2024 23:55	Obion	2 SE Hornbeak	Thunderstorm Wind Damage	Several manufactured homes damaged and trees down between Hornbeak and Obion.
05/09/2024 00:00	Obion	3 SSW Troy	Thunderstorm Wind Damage	Five utility poles broken north of Obion along Highway 183.
05/09/2024 00:20	Weakley	Martin	Thunderstorm Wind Damage	Tree down on Highway 431.
05/09/2024 00:25	Weakley	Martin	Thunderstorm Wind Damage	Large tree and powerlines down in Fonville Street. Large tree blocking Jackson Street.
05/09/2024 00:28	Weakley	Sharon	Thunderstorm Wind Damage	Trees down in Sharon.
05/09/2024 00:30	Lauderdale	Halls	Thunderstorm Wind Damage	Tree down on home.

05/09/2024 00:53	Tipton	5 WSW Munford	Thunderstorm Wind Damage	Several trees down along Wilkinsville Road.
05/09/2024 00:55	Shelby	5 S Munford	Thunderstorm Wind Damage	Trees/powerlines down on Mudville Rd north of Millington.
05/09/2024 00:56	Gibson	3 ENE Humboldt	Thunderstorm Wind Damage	2 large mature trees down on Pleasant Hill Road. A power pole also came down due to the fallen tree.
05/09/2024 01:07	Shelby	4 NE Millington	Thunderstorm Wind Damage	A few trees down at Orgill Park Golf Course.
05/09/2024 01:30	Henderson	2 ENE Blue Goose	Thunderstorm Wind Damage	Two barns had their roofs blown off. One was on Poplar Springs Bargerton Road and the second was on Poplar Springs Juno Road.
05/09/2024 01:40	Henderson	Lexington	Thunderstorm Wind Damage	Several reports of downed trees across town.
05/09/2024 01:44	Benton	16 SSE Camden	Thunderstorm Wind Damage	Several trees down on Ward Hill road. Time is radar estimated.
05/09/2024 02:41	Maury	6 SW Williamsport	Thunderstorm Wind Damage	Facebook photos show garage doors blown out of a shop and significant tree damage to a farm on Stephenson Schoolhouse Rd.
05/09/2024 02:50	Lawrence	11 WNW Ethridge	Thunderstorm Wind Damage	Several trees down in the Laurel Hill Wildlife Management Area.
05/09/2024 03:00	Lawrence	3 NW Ethridge	Thunderstorm Wind Damage	Trees Down between Napier and New Prospect.
05/09/2024 03:02	Lawrence	6 W Ethridge	Thunderstorm Wind Damage	Photos received of large trees uprooted along Crews Road west of Etheridge. Time is radar estimated.
05/09/2024 03:02	Lawrence	6 E Lawrenceburg	Thunderstorm Wind Damage	Reports of tree and powerline damage in Lawrence County including Weakly Creek Road, Bonee Road near Gimlet Road and Martin Road. Time estimated via radar.
05/09/2024 03:11	Maury	7 N Lynnville	Thunderstorm Wind Damage	Numerous trees were blown down from northwest to southeast across a wide area in and around Culleoka with some falling onto homes and buildings. Winds were estimated up to 75 mph.
05/09/2024 03:17	Perry	2 SE Lobelville	Thunderstorm Wind Damage	Trees and powerlines down along Jones Hollow Road. Time is radar estimated.



05/09/2024 03:20	Giles	3 SSE Pulaski	Thunderstorm Wind Damage	Video received on social media of numerous branches down and 2 large trees uprooted along Crescent View Road south of Pulaski. Time is radar estimated.
05/09/2024 03:22	Giles	4 WNW Pulaski	Thunderstorm Wind Damage	Scattered trees were blown down from northwest to southeast in the area around Big Dry Creek Rd and Hwy 64, with the worst damage on Cherry Dr and Richland St where some trees fell onto homes. Winds estimated up to 75 mph.
05/09/2024 03:23	Marshall	2 SW Lewisburg	Thunderstorm Wind Damage	Facebook report of a tree down near Collins Hollow Road and Old Lake Road in Lewisburg.
05/09/2024 03:27	Giles	4 WNW Pulaski	Thunderstorm Wind Damage	Trees down along Cherry Drive. Time is radar estimated.
05/09/2024 03:36	Giles	5 NNW Elkton	Thunderstorm Wind Damage	Facebook photos showed several trees down on Tarpley Shop Road at Wolf Gap.
05/09/2024 04:15	Grundy	Coalmont	Thunderstorm Wind Damage	Tspotter report of a few trees blown down across the county.
05/09/2024 05:30	Sequatchie	Dunlap	Thunderstorm Wind Damage	Numerous reports of trees down across the county. Time estimated by radar.
05/09/2024 05:50	Hamilton	4 WSW Middle Valley	Thunderstorm Wind Damage	Several large trees have been blown down with multiple power outages in the area.
05/09/2024 06:10	Bradley	2 W Charleston	Thunderstorm Wind Damage	Trees down.
05/09/2024 06:15	Bradley	2 NNE Flint Springs	Thunderstorm Wind Damage	Several trees down across the southern portion of the county. Relayed to us by amateur radio operator from public radio.

## **Preliminary Flooding Summary**

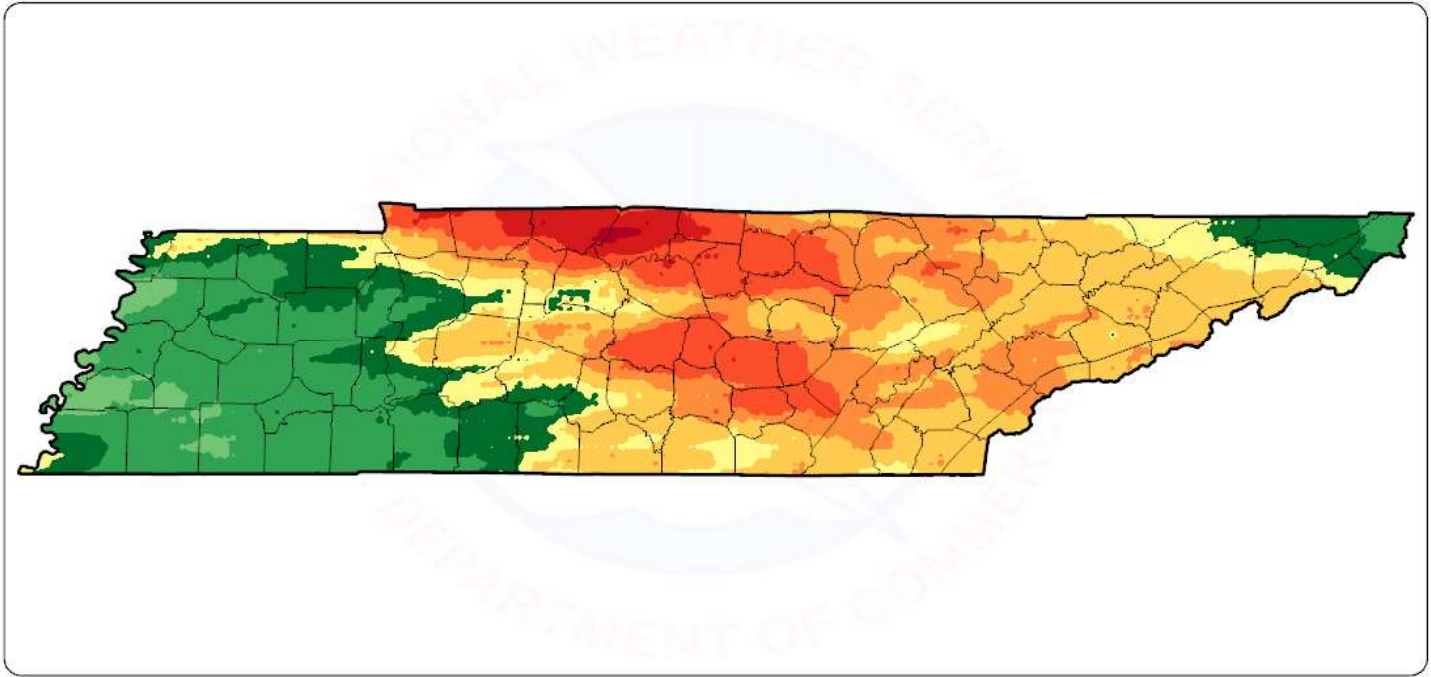
Widespread flash flood warnings and flood advisories were issued due to heavy rainfall over much of Middle and East Tennessee. Observed and estimated rainfall totals from the event are shown below. The vast majority of Middle and East Tennessee experienced total rainfall amounts between 2 to 4 inches, with several locations in northern Middle TN seeing 6 to 8+ inches. A list of official rainfall measurements across Middle TN can be found [here](#). In total, 26 Flash Flood Warnings were issued across the state during this event. There were two Flash Flood Emergencies issued in Middle TN for Robertson and Sumner Counties, where the heaviest rainfall was received.



# National Weather Service State of Tennessee

Rainfall 05/07/2024 07:00AM to 05/10/2024 07:00AM CDT

Analysis Data Source: NCEP Stage IV and Regional Observations



Created:  
05/11/2024 11:15PM

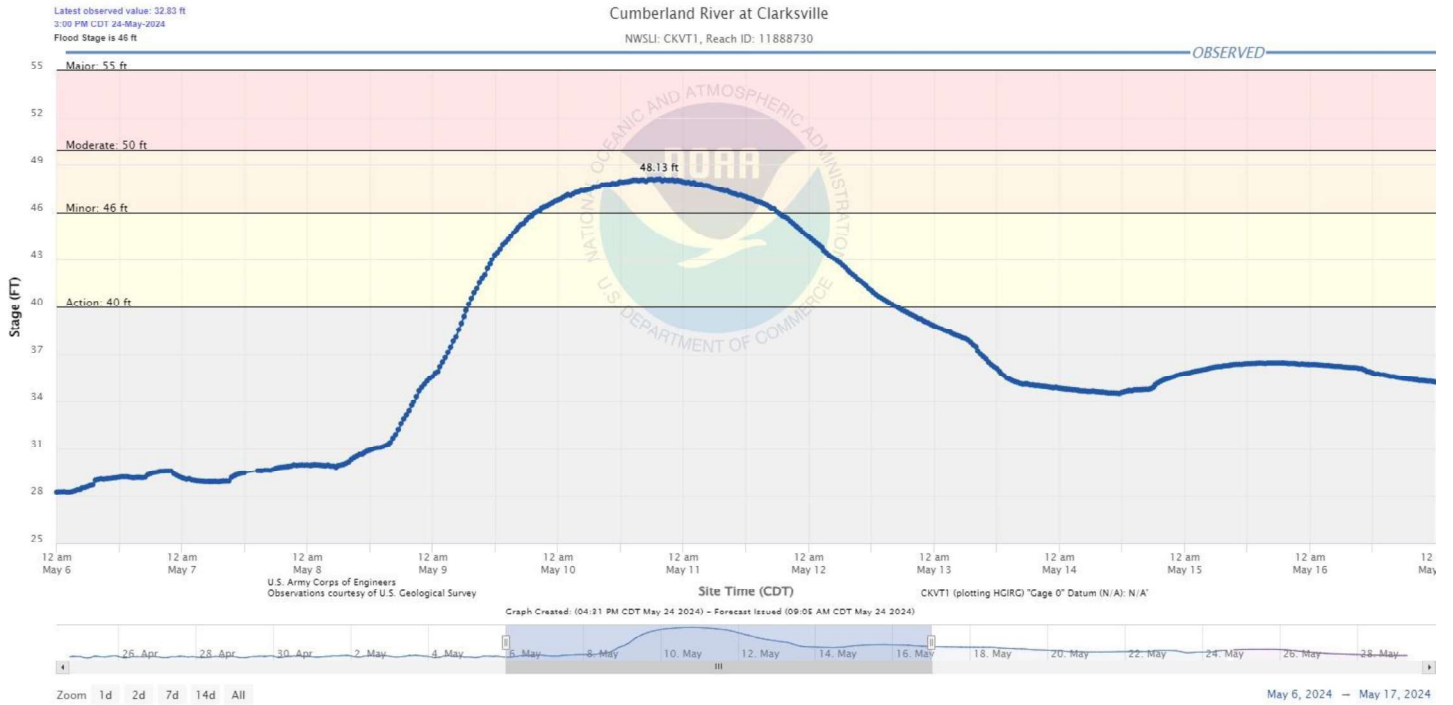


This is an experimental product of the NWS GAZPACHO software package. Care should be taken in using the data. Unofficial observations may be plotted. Values at interpolated locations may not represent actual reports at that location.

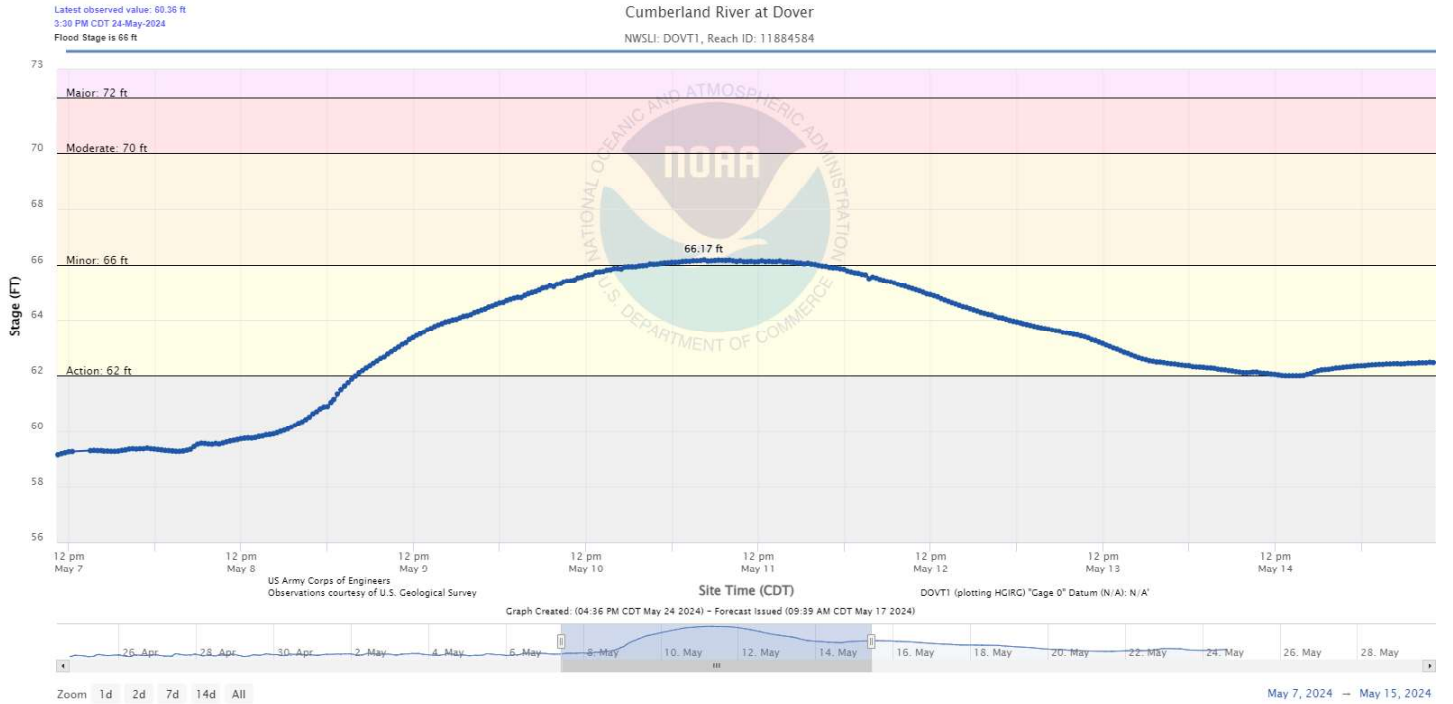
Precipitation (in)	
0.00"	0.01" - 0.09"
0.10" - 0.24"	0.25" - 0.49"
0.50" - 0.99"	1.00" - 1.49"
1.50" - 1.99"	2.00" - 2.99"
3.00" - 3.99"	4.00" - 5.99"
6.00" - 7.99"	8.00" - 9.99"
10.00" - 14.99"	15.00" - 19.99"
20.00" - 29.99"	30.00" - 50.00+"

In addition, flood advisories were issued for multiple rivers, including portions of the Cumberland River (including Nashville), Harpeth River, Mississippi River, S. Chickamauga Creek, Sequatchie River, Sycamore Creek, and the Tennessee River. Several flood warnings were issued for multiple rivers that were in minor flood stage or above, which are shown below including maximum stage reached.

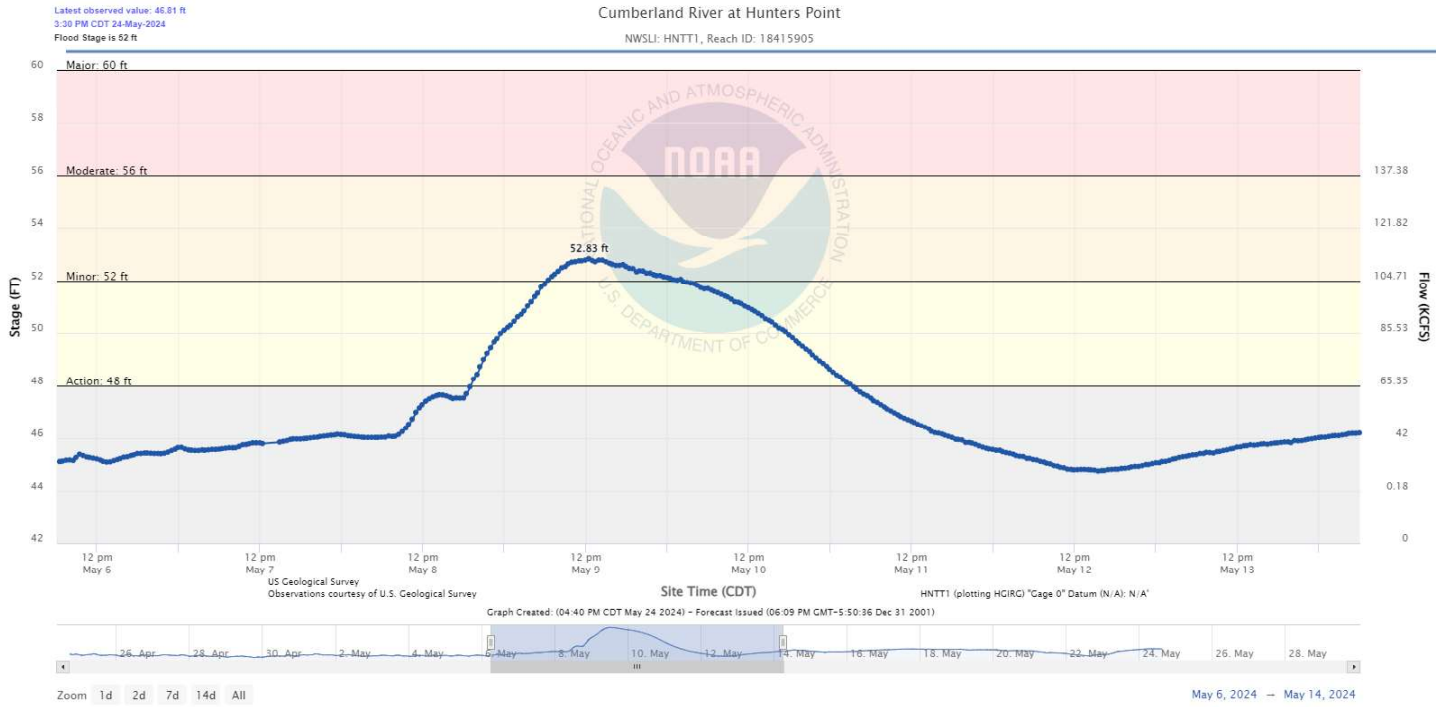
# Cumberland River at Clarksville – Montgomery County Minor Flood Stage Reached



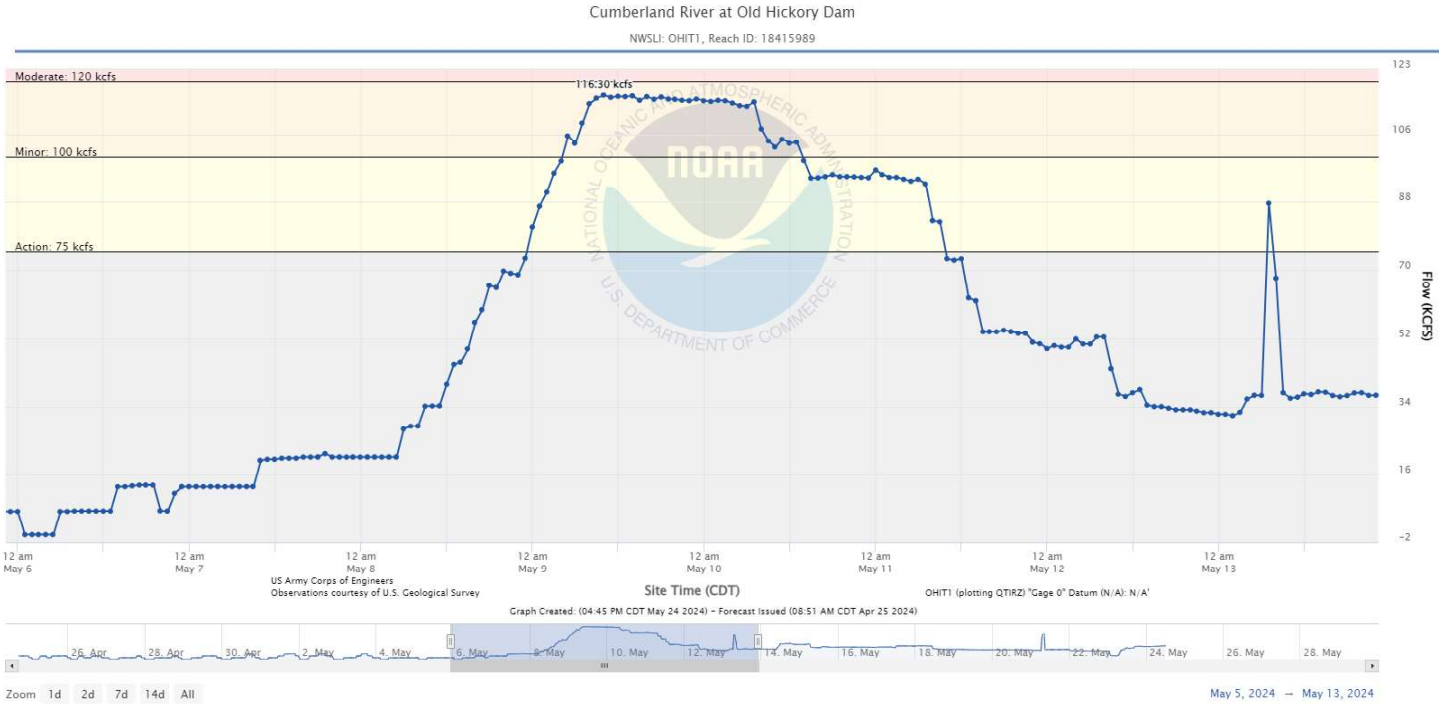
# Cumberland River at Dover – Stewart County Minor Flood Stage Reached



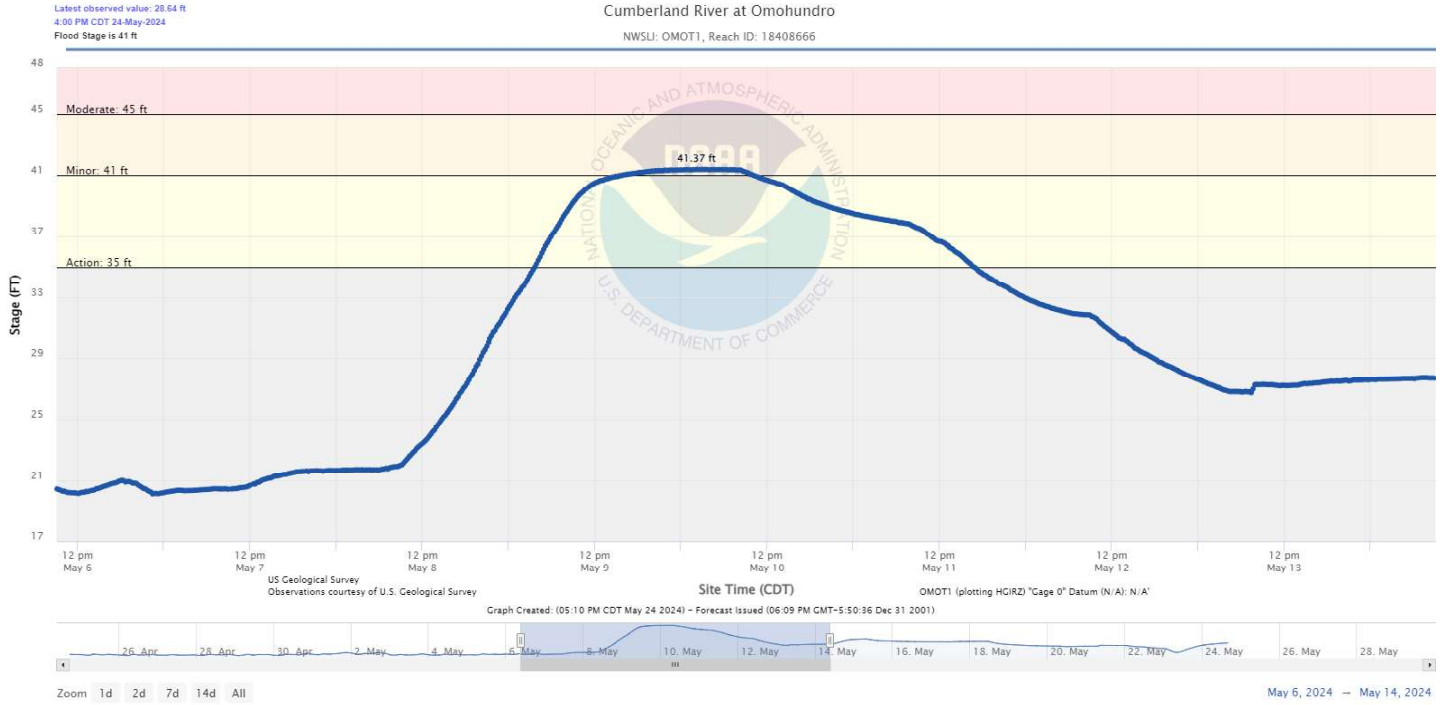
## Cumberland River at Hunters Point – Sumner, Wilson, and Trousdale Counties Minor Flood Stage Reached



## Cumberland River at Old Hickory Dam – Davidson and Sumner Counties Minor Flood Stage Reached



## Cumberland River at Omohundro Water Plant – Davidson County Minor Flood Stage Reached

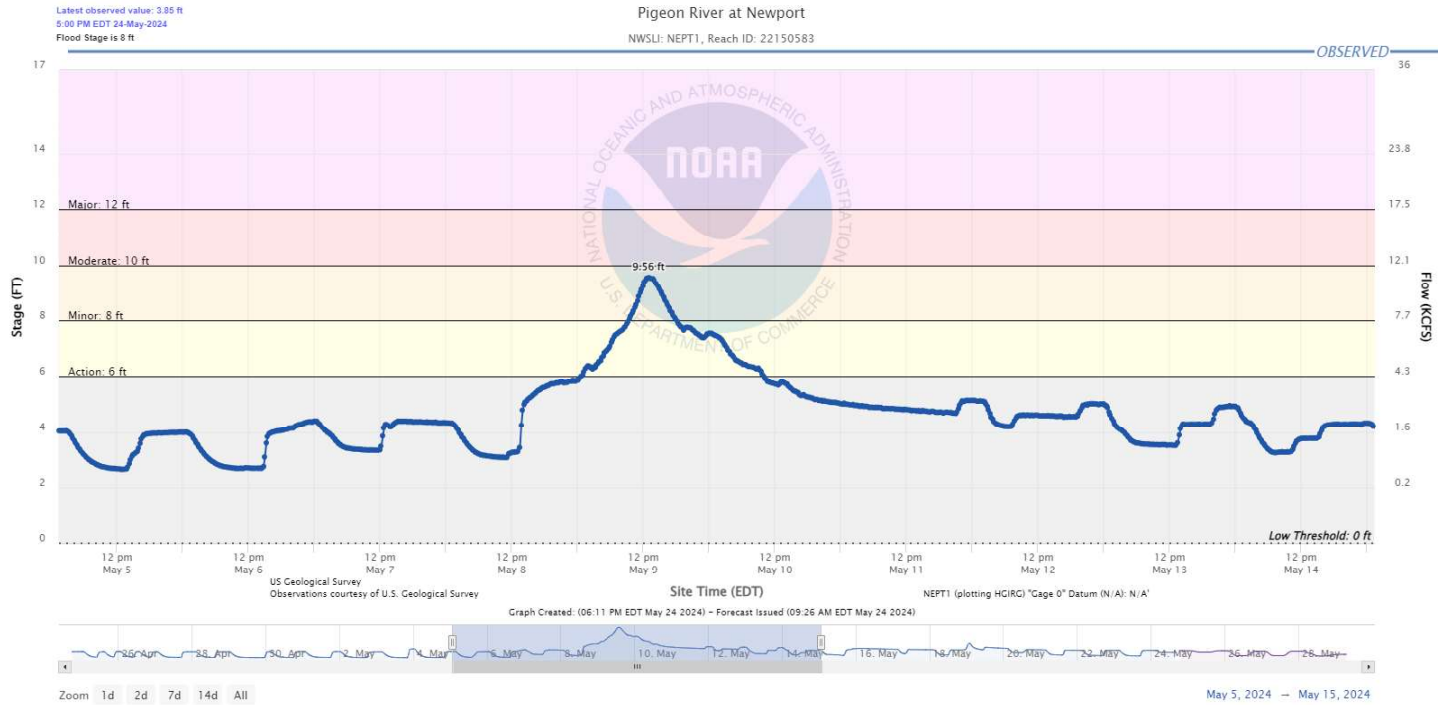


## Mill Creek near Nolensville – Davidson County Minor Flood Stage Reached

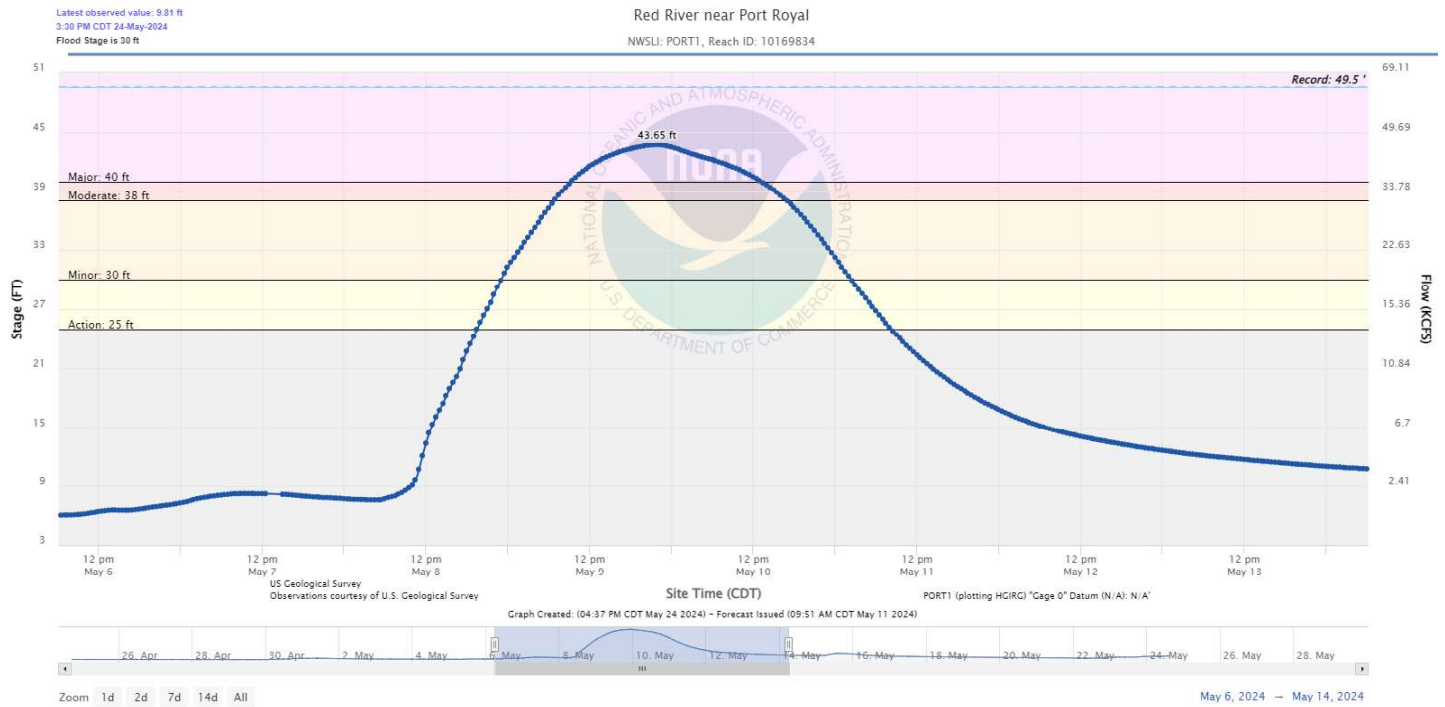




## Pigeon River at Newport – Cocke County Minor Flood Stage Reached

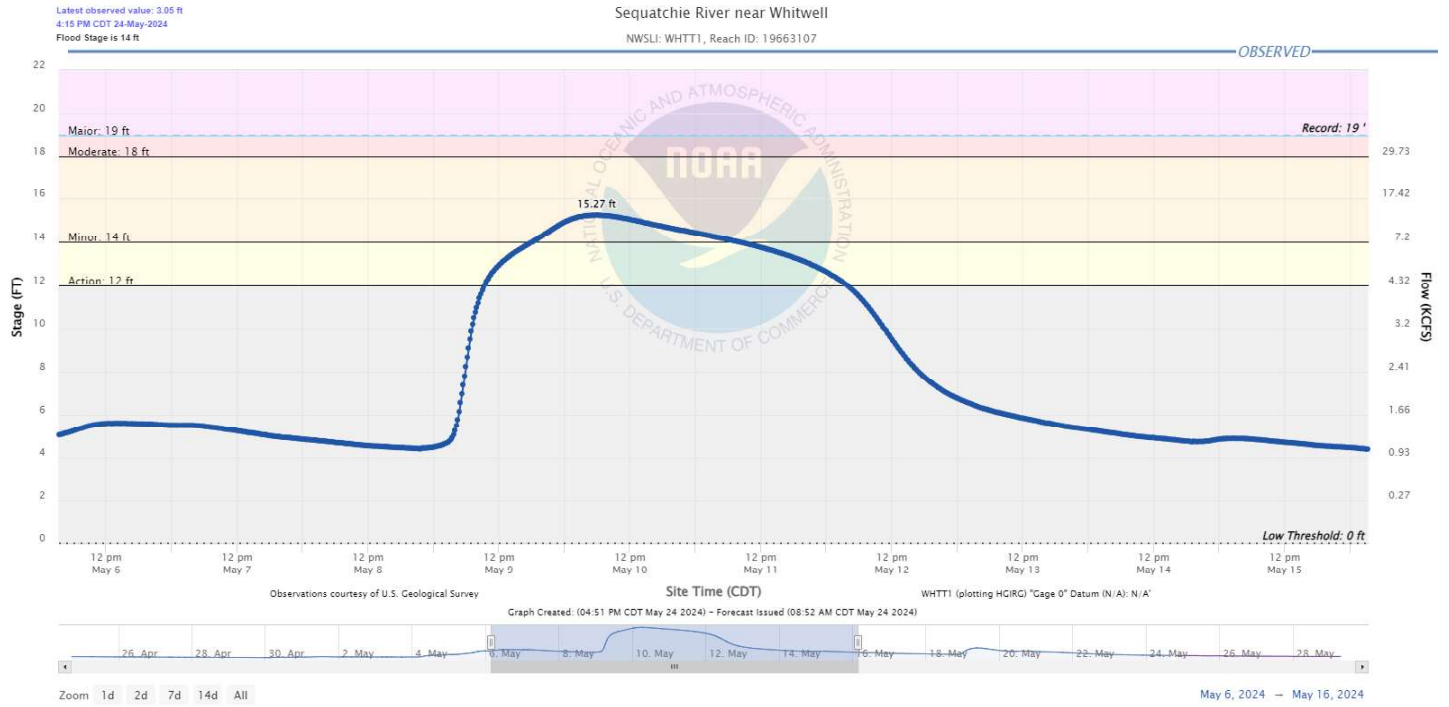


## Red River near Port Royal – Robertson and Montgomery Counties Major Flood Stage Reached

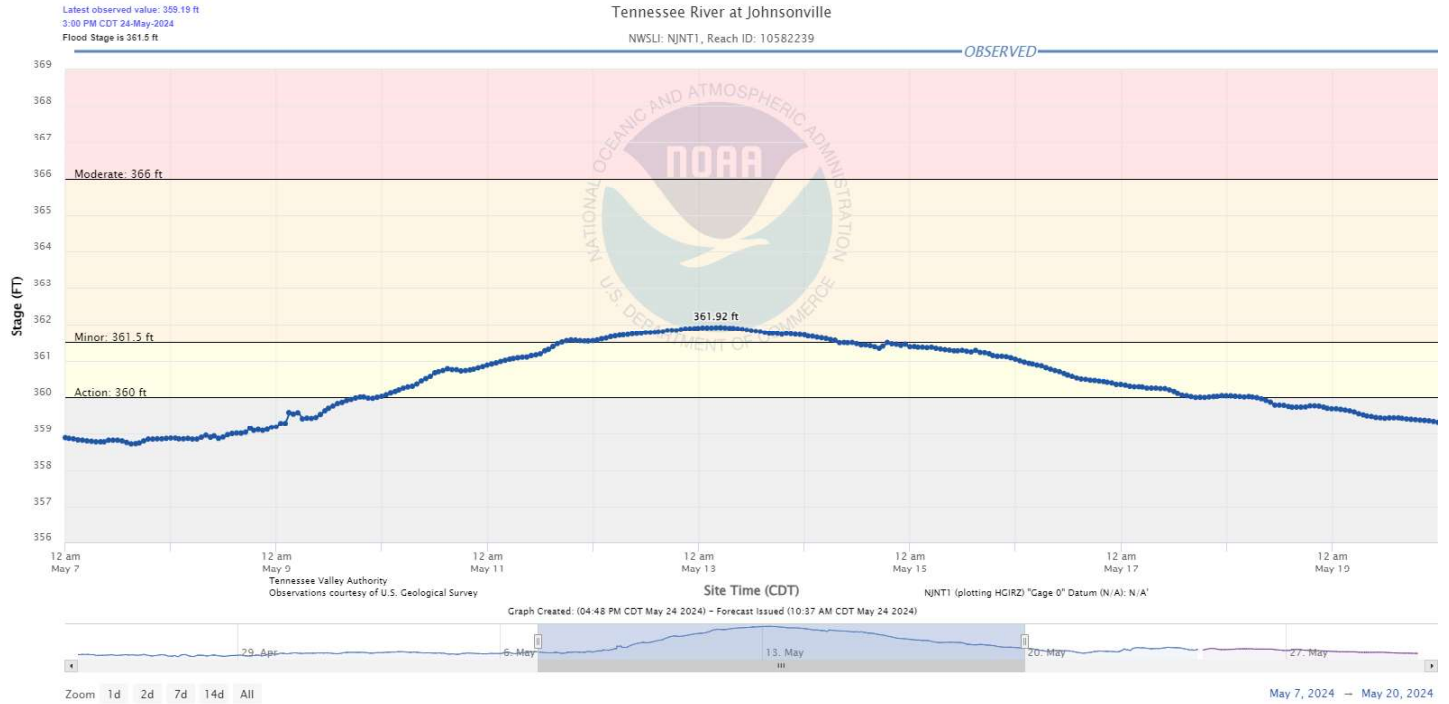




## Sequatchie River near Whitwell – Bledsoe, Marion, and Sequatchie Counties Minor Flood Stage Reached



## Tennessee River at Johnsonville – Benton, Henry, Houston, Humphreys, and Stewart Counties Minor Flood Stage Reached



## Flooding Reports

Reports of flash flooding and flooding are listed below from May 8th and 9th.

<b>Report Date &amp; Time (LST)</b>	<b>County</b>	<b>Location</b>	<b>Event Type</b>	<b>Remark (Hail includes magnitude)</b>
05/08/2024 08:39	Robertson	Springfield	Flash Flood	Multiple reports of flooded roads across Robertson County.
05/08/2024 08:42	Montgomery	Clarksville	Flash Flood	Facebook reports of several roads flooded across Clarksville including Trenton Road.
05/08/2024 08:42	Sumner	Hendersonville	Flash Flood	Reports of roads flooded in Hendersonville including Stop Thirty Rd at Drakes Creek Rd and Indian Lake Blvd at Old Shackle Island Rd.
05/08/2024 08:45	Robertson	White House	Flash Flood	Tspotter report of Sage Road at Hwy 76 in White House flooded and closed.
05/08/2024 08:50	Robertson	Greenbrier	Flash Flood	Multiple reports of flooded roads in the Greenbrier and White House areas.
05/08/2024 08:53	Davidson	1 S Goodlettsville	Flash Flood	Tspotter reports of I-65 onramp at Long Hollow Pike and Caldwell Drive flooded.
05/08/2024 09:50	Overton	3 ENE Monterey	Flood	Three reports of water over Highway 164 between Pilgrim Circle and Memory Ln.
05/08/2024 09:56	Robertson	2 SW White House	Flash Flood	Photos show Melton Road at Union Road flooded and impassable.
05/08/2024 10:07	Montgomery	1 ESE Guthrie	Flood	Water over the road reported.
05/08/2024 10:29	Robertson	3 NNW Greenbrier	Flash Flood	Road flooded and house surrounded by water on Old Greenbrier Pike at Worsham Springs Rd.
05/08/2024 10:50	Robertson	2 SSW Cross Plains	Flash Flood	Significant flash flooding ongoing with Empson Rd flooded and impassable between Covington Rd and Cross Plains Rd.
05/08/2024 11:14	Putnam	4 WNW Algood	Flash Flood	North Allen Road at Dodson Branch Hwy flooded and impassable.
05/08/2024 11:30	Sumner	6 W Gallatin	Flood	Flooding in vicinity of upper station camp creek road and liberty lane.
05/08/2024 12:39	Robertson	3 W Springfield	Flash Flood	New Chapel Road flooded and impassable.
05/08/2024 14:40	Roane	Paint Rock	Flash Flood	
05/08/2024 15:01	Sumner	1 ENE White House	Flash Flood	Flooding reported in White House High School.
05/08/2024 17:52	Rutherford	2 WNW Eagleville	Flood	Photo on social media shows Horton Highway at Arno-Allisona Road blocked off due to flooding.

05/08/2024 18:00	Rutherford	2 WNW Eagleville	Flash Flood	Delayed report - report of flooding along Horton Highway at Arno-Allison Road.
05/08/2024 19:09	Wilson	4 ENE Lebanon	Flash Flood	Photos received of property flooding along Lovers Lane in Lebanon.
05/08/2024 20:55	Robertson	2 SW Springfield	Flash Flood	Water rescue on Lahr Road near Springfield. Rain ongoing.
05/08/2024 21:03	Sumner	2 NNE Hendersonville	Flash Flood	Anderson Rd blocked off due to flooding.
05/08/2024 21:29	Sumner	6 W Gallatin	Flash Flood	Photo received of house inundated with flood water along Long Hollow Gardens in Gallatin.
05/08/2024 22:15	Bledsoe	2 NE Palio	Flash Flood	Flooding along U.S. 127 in multiple different locations in Bledsoe County.
05/09/2024 00:34	White	4 SSE Sparta	Flash Flood	Ongoing high water and flash flooding at the intersection of Hickory Valley Road and Lost Creek.
05/09/2024 06:00	Grundy	3 NNE Beersheba Springs	Flash Flood	Facebook photos showed Highway 56 flooded and impassable in the Tarlton area.
05/09/2024 06:00	Grundy	2 NNE Palmer	Flash Flood	Facebook photo showed a section of Barker Cove Road was completely washed out.
05/09/2024 06:00	Sumner	2 WNW Gallatin	Flood	Video on social media shows Long Hollow Golf Course underwater.
05/09/2024 06:50	Sequatchie	Dunlap	Flash Flood	Numerous reports of flooding.
05/09/2024 07:45	Scott	2 SW Elgin	Flash Flood	Highway 27 in Glenmary is flooded; mudslide on River Road near Helenwood.
05/09/2024 07:50	Morgan	Oakdale	Flash Flood	Car partially submerged in the Oakdale City Park parking lot.
05/09/2024 08:00	Hamilton	5 NNE Harrison	Flash Flood	Shirley Pond Road and Lackey Road were closed due to flooding.
05/09/2024 09:00	Rutherford	9 SSW Murfreesboro	Flood	Photo on social media showing Armstrong Valley Road blocked off due to flooding.
05/09/2024 09:00	Davidson	4 SSW Antioch	Flood	Social media photos show Culberston Road underwater.
05/09/2024 11:00	Cannon	Woodbury	Flood	Video on social media of extensive flooding at Dillon Park in Woodbury.
05/09/2024 13:30	Sevier	2 ESE Pigeon Forge	Flood	Still have some minor flooding of low lying areas and full river banks.
05/09/2024 17:45	Robertson	2 SW Cross Plains	Flood	Photo received of a car submerged in flood waters along Cross Plains Road.
05/09/2024 18:00	Davidson	1 SW Hermitage	Flood	Photos on social media show portions of the Stones River Walkway underwater. From Kohls trailhead to the Stones River Percy Priest Dam trailhead.

*Krissy Hurley*

---

Krissy Hurley  
Meteorologist-in-Charge  
WFO Nashville

*Ryan Husted*

---

Ryan Husted  
Warning Coordination Meteorologist  
WFO Nashville

*Caroline M. Adcock*

---

Caroline M. Adcock  
Meteorologist  
WFO Nashville