

# Preliminary Damage Assessment Report

## Tennessee – Severe Storms, Flooding, Landslides, and Mudslides FEMA-4427-DR

### *Declared April 17, 2019*

On March 22, 2019, Governor Bill Lee requested a major disaster declaration due to severe storms, straight-line winds, tornadoes, and flooding during the period of February 19 to March 30, 2019. The Governor requested a declaration for Individual Assistance for five counties, Public Assistance for 57 counties, and Hazard Mitigation statewide. During the period of March 12-21, 2019, joint federal, state, and local government Preliminary Damage Assessments (PDAs) were conducted in the requested counties and are summarized below. PDAs estimate damages immediately after an event and are considered, along with several other factors, in determining whether a disaster is of such severity and magnitude that effective response is beyond the capabilities of the state and the affected local governments, and that Federal assistance is necessary.<sup>1</sup>

On April 17, 2019, President Trump declared that a major disaster exists in the State of Tennessee. This declaration made Public Assistance requested by the Governor available to state and eligible local governments and certain private nonprofit organizations on a cost-sharing basis for emergency work and the repair or replacement of facilities damaged by the severe storms, flooding, and landslides in Bedford, Bledsoe, Blount, Campbell, Carter, Cheatham, Claiborne, Clay, Cocke, Coffee, Decatur, Dekalb, Dickson, Dyer, Fentress, Gibson, Giles, Grainger, Greene, Hamblen, Hamilton, Hancock, Hardin, Hawkins, Hickman, Houston, Humphreys, Jackson, Jefferson, Johnson, Knox, Lake, Lauderdale, Lewis, Lincoln, Marion, Marshall, McNairy, Moore, Morgan, Obion, Overton, Perry, Rhea, Roane, Robertson, Scott, Sequatchie, Sevier, Smith, Tipton, Unicoi, Union, Van Buren, Warren, and Wayne Counties. This declaration also made Hazard Mitigation Grant Program assistance requested by the Governor available for hazard mitigation measures statewide.<sup>2</sup>

### **Summary of Damage Assessment Information Used in Determining Whether to Declare a Major Disaster**

#### **Individual Assistance**

- Total Number of Residences Impacted:<sup>3</sup> 774
  - Destroyed - 17
  - Major Damage - 227
  - Minor Damage - 266
  - Affected - 264
  
- Percentage of insured residences:<sup>4</sup> 29.0% (flood)

- Percentage of low income households:<sup>5</sup> 42.0%
- Percentage of ownership households:<sup>6</sup> 80.4%
- Total Individual Assistance cost estimate: \$6,124,135

## Public Assistance

- Primary Impact: Damage to roads and bridges
- Total Public Assistance cost estimate: \$65,483,552
- Statewide per capita impact:<sup>7</sup> \$10.32
- Statewide per capita impact indicator:<sup>8</sup> \$1.50
- Countywide per capita impact: Anderson County (\$0.13), Bedford County (\$6.11), Bledsoe County (\$56.00), Blount County (\$12.40), Campbell County (\$36.52), Carter County (\$19.43), Cheatham County (\$3.80), Claiborne County (\$23.77), Clay County (\$38.16), Cocke County (\$10.50), Coffee County (\$6.25), Decatur County (\$58.05), DeKalb County (\$5.23), Dickson County (\$4.19), Dyer County (\$23.03), Fentress County (\$17.16), Gibson County (\$9.15), Giles County (\$4.73), Grainger County (\$258.71), Greene County (\$10.50), Hamblen County (\$8.71), Hamilton County (\$37.75), Hancock County (\$19.21), Hardin County (\$32.93), Hawkins County (\$8.08), Hickman County (\$6.74), Houston County (\$19.05), Humphreys County (\$14.01), Jackson County (\$4.71), Jefferson County (\$7.28), Johnson County (\$54.56), Knox County (\$12.87), Lake County (\$68.05), Lauderdale County (\$7.60), Lewis County (\$4.11), Lincoln County (\$55.89), Marion County (\$114.80), Marshall County (\$6.86), McNairy County (\$103.94), Moore County (\$16.68), Morgan County (\$4.00), Obion County (\$7.39), Overton County (\$10.44), Perry County (\$27.54), Rhea County (\$44.09), Roane County (\$160.57), Scott County (\$18.09), Sequatchie County (\$10.41), Sevier County (\$26.58), Smith County (\$18.26), Tipton County (\$15.01), Unicoi County (\$6.81), Union County (\$39.95), Van Buren County (\$10.48), Warren County (\$13.58), Wayne County (\$16.76), and Weakley County (\$3.28).
- Countywide per capita impact indicator:<sup>9</sup> \$3.78

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<sup>1</sup> The Preliminary Damage Assessment (PDA) process is a mechanism used to determine the impact and magnitude of damage and resulting needs of individuals, businesses, public sector, and community as a whole. Information collected is used by the State as a basis for the Governor's request for a major disaster or emergency declaration, and by the President in determining a response to the Governor's request (44 CFR § 206.33).

<sup>2</sup> When a Governor's request for major disaster assistance under the Robert T. Stafford Disaster Relief and Emergency Assistance Act, as amended (Stafford Act) is under review, a number of primary factors are considered to determine whether assistance is warranted. These factors are outlined in FEMA's regulations (44 CFR § 206.48). The President has ultimate discretion and decision making authority to declare major disasters and emergencies under the Stafford Act (42 U.S.C. § 5170 and § 5191).

<sup>3</sup> Degree of damage to impacted residences:

- Destroyed – total loss of structure, structure is not economically feasible to repair, or complete failure to major structural components (e.g., collapse of basement walls/foundation, walls or roof);
- Major Damage – substantial failure to structural elements of residence (e.g., walls, floors, foundation), or damage that will take more than 30 days to repair;
- Minor Damage – home is damaged and uninhabitable, but may be made habitable in short period of time with repairs; and
- Affected – some damage to the structure and contents, but still habitable.

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<sup>4</sup> By law, Federal disaster assistance cannot duplicate insurance coverage. 42 U.S.C. § 5155 and 44 C.F.R. § 206.48(b)(5).

<sup>5</sup> Special populations, such as low-income, the elderly, or the unemployed may indicate a greater need for assistance. 44 C.F.R. § 206.48(b)(3).

<sup>6</sup> Ibid. 44 C.F.R. § 206.48(b)(3).

<sup>7</sup> Based on State population in the 2010 Census.

<sup>8</sup> Statewide Per Capita Impact Indicator for FY19, *Federal Register*, October 1, 2018.

<sup>9</sup> Countywide Per Capita Impact Indicator for FY19, *Federal Register*, October 1, 2018.