

Preliminary Damage Assessment Report

South Dakota – Severe Storms, Tornadoes, and Flooding FEMA-4469-DR

Declared November 18, 2019

On October 25, 2019, Governor Kristi L. Noem requested a major disaster declaration due to severe storms, tornadoes, and flooding during the period of September 9-26, 2019. The Governor requested a declaration for Individual Assistance for 16 counties and 2 tribes, Public Assistance for 19 counties and 2 tribes, and Hazard Mitigation statewide. During the period of October 15-22, 2019, joint federal, state, tribal, and local government Preliminary Damage Assessments (PDAs) were conducted in the requested areas 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.¹

On November 18, 2019, President Trump declared that a major disaster exists in the State of South Dakota. This declaration made Individual Assistance requested by the Governor available to affected individuals and households in Brookings, Charles Mix, Davison, Hanson, Hutchinson, Lake, Lincoln, McCook, Minnehaha, Moody, and Yankton Counties and the Flandreau Santee Indian Reservation and the Yankton Indian Reservation. This declaration also 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, tornadoes, and flooding in Aurora, Brookings, Brule, Charles Mix, Davison, Douglas, Gregory, Hanson, Hutchinson, Kingsbury, Lake, McCook, Miner, Minnehaha, Moody, Sanborn, Turner, Union, and Yankton Counties and the Flandreau Santee Indian Reservation and the Yankton Indian Reservation. Finally, this declaration made Hazard Mitigation Grant Program assistance requested by the Governor available for hazard mitigation measures statewide.²

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

Individual Assistance

- Total Number of Residences Impacted:³ 460
 - Destroyed - 17
 - Major Damage - 232
 - Minor Damage - 136
 - Affected - 75

- Percentage of insured residences:⁴ 4.9%

- Percentage of poverty households:⁵ 13.0%
- Population receiving other government assistance such as SSI and SNAP: 79,186
- Percentage of ownership households:⁶ 87.4%
- Pre-Disaster Unemployment: 2.9%
- Age 65 and older: 16.6%
- Age 18 and under: 24.7%
- Disability: 8.3%
- IHP Cost to Capacity (ICC) Ratio: 148
- Total Individual Assistance cost estimate: \$8,217,565

Public Assistance

- Primary Impact: Damage to roads and bridges
- Total Public Assistance cost estimate: \$8,818,175
- Statewide per capita impact:⁷ \$10.83
- Statewide per capita impact indicator:⁸ \$1.53
- Countywide per capita impact: Aurora County (\$261.43), Brookings County (\$7.61), Brule County (\$42.56), Charles Mix County (\$33.06), Davison County (\$54.88), Douglas County (\$6.90), Gregory County (\$52.30), Hanson County (\$152.84), Hutchinson County (\$40.64), Kingsbury County (\$11.69), Lake County (\$126.79), McCook County (\$96.23), Miner County (\$137.38), Minnehaha County (\$10.24), Moody County (\$93.12), Sanborn County (\$43.11), Turner County (\$17.36), Union County (\$8.29), Yankton County (\$7.33) The costs for the Flandreau Santee Indian Reservation are included in the cost estimates for Moody County and the costs for the Yankton Indian Reservation are included in the cost estimates for Charles Mix County.
- Countywide per capita impact indicator:⁹ \$3.84

¹ 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).

² 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).

³ 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.

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

⁵ 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).

⁶ Ibid. 44 C.F.R. § 206.48(b)(3).

⁷ Based on State population in the 2010 Census.

⁸ Statewide Per Capita Impact Indicator for FY20, *Federal Register*, October 1, 2019.

⁹ Countywide Per Capita Impact Indicator for FY20, *Federal Register*, October 1, 2019.