

Storm Events Codebook

Source: National Oceanic and Atmospheric Administration

Data: Collected from January 1950 to June 2024

Description: Data is collected on Storms that occur across the United States, what happens during the event, the date and time it occurs, if people were injured in the storm, what state the storm occurs in, and more information relating to the effect of the storm.

Citation: National Oceanic and Atmospheric Administration.(1950). Storm Events Database [data set] https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/StormEvents_details-ftp_v1.0_d1950_c20210803.csv.gz

BEGIN_YEARMONTH: Year and month storm begins

BEGIN_DAY: The day storm starts

BEGIN_TIME: Time storm starts

END_YEARMONTH: Year and month storm ends

END_DAY: The day storm ends

END_TIME: Time storm ends

EPISODE_ID: ID assigned to denote the storm episode

EVENT_ID: ID assigned for each individual storm event

STATE: State it occurred

STATE_FIPS: Number assigned to the county

YEAR: Four-digit year for the event

MONTH_NAME: Name of the month

EVENT_TYPE: Type of storm event

DEATHS_DIRECT: Number of deaths directly caused by the storm

DEATHS_INDIRECT: Number of injuries indirectly caused by the storm

DAMAGE_PROPERTY: Estimated amount of damage to property

DAMAGE_CROPS: Estimated amount of damage to crops

MAGNITUDE: Measured extent of the magnitude type

FLOOD_CAUSE: Reported or estimated cause