WIKIPEDIA
The Free Encyclopedia

September 2023 northeastern U.S. floods

In a six-day period from September 8 to September 13, 2023, slow-moving thunderstorms associated with a low-pressure area caused flash flooding across multiple states across the Northeastern and Mid-Atlantic regions of the United States. A stationary front, combined with a convergence zone, caused significant flooding, prompting the National Weather Service to issue multiple flash flood warnings and two flash flood emergencies, one for the city of Leominster, Massachusetts, and the other for the Baltimore, Maryland, area.[1][2] Several minor injuries occurred during the severe weather event, and hundreds of homes and vehicles were flooded. Evacuations also occurred after concerns of a compromised dam near a neighborhood of Leominster, and all schools in the city were closed the day after the floods.[3] Massachusetts governor Maura Healey declared a state of emergency for Leominster and North Attleborough following the floods.

Meteorological synopsis

On September 11, a stationary frontal boundary, combined with a low-pressure area in eastern New Jersey and a convergence zone extending across Connecticut, Rhode Island, and Massachusetts, brought slow-moving showers and thunderstorms to the Northeastern United States, bringing heavy rainfall across portions of the region.[4] Favorable thermodynamics also supported thunderstorm development, and surface-based convective available potential energy in the 1000-1500 J/kg values were also in place across a small portion of the region.[5] Matthew Belk, a National Weather Service meteorologist, stated that the flood was a "200-year event".[6]

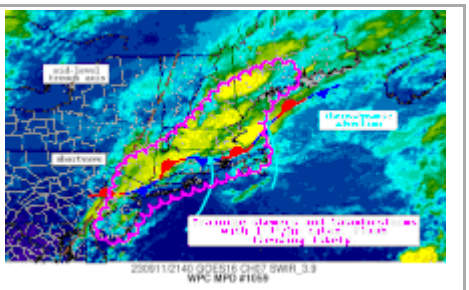
Impact

Severe storms on September 8 alone led to 190,000 power outages.[7]

Massachusetts

On September 10, the Sagamore Bridge was closed due to flash flooding.[8]

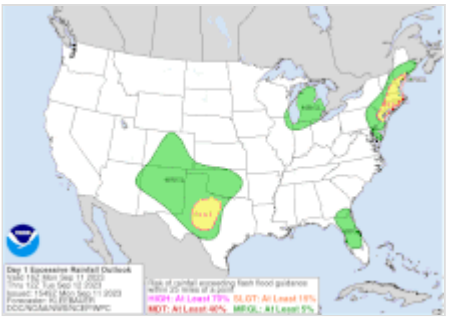
September 2023 northeastern U.S. floods



A mesoscale precipitation discussion concerning flooding across portions of the Northeastern United States issued by the Weather Prediction Center on September 11, 2023

Cause	Heavy rains
Meteorological history	
Duration	September 8 – September 13, 2023
Flood	
Maximum rainfall	9.5 in (240 mm) in Leominster, Massachusetts
Tornado outbreak	
Tornadoes	4
Maximum rating	EF1 tornado
Overall effects	
Fatalities	2
Injuries	Several
Damage	$65.9 million
Areas affected	Massachusetts, Rhode Island, Connecticut, New Jersey, Maryland

On September 11, streets and numerous homes were flooded in the city of Leominster, and the downtown area there was also flooded, where buildings were flooded and a few partially collapsed.[9][10] A sinkhole also opened near a Cadillac car dealership, damaging vehicles there.[11] Massachusetts governor Maura Healey described the flooding "catastrophic", and a flash flood emergency was issued for Leominster and Fitchburg.[12][13] Residential areas in neighborhoods near Leominster were asked to immediately evacuated as concerns were raised over the Barrett Park Pond Dam, which was compromised and was already in poor condition.[14][15] Homes near Route 117 near Fall Brook, a neighborhood of Leominster, were "significantly damaged".[14] School buildings near Leominster also suffered damage, and more than 15 roads, including portions of the Massachusetts Turnpike (I-90), Route 13 and Route 2, were closed due to flooding and road damage.[1][16][17][18] At least 9.5 inches (240 mm) of rain fell in several hours in Leominster, and an evacuation order was also issued for low-lying areas near Fall Brook and the North Nashua River.[16][19] Several minor injuries also occurred, as many vehicles were submerged in floodwaters.[16][20] MBTA Commuter Rail service was also affected, with trains and buses being terminated, diverted, or originating at a different station, including trains along the Fitchburg Line.[21] Leominster mayor Dean Mazzarella stated, "Find a high spot somewhere. Find a high spot and stay there until this is over.", and also claimed that at least 11 inches (280 mm) of rain fell.[10][3] More than $40 million in damages occurred to city infrastructure.[22]



A Day 1 excessive rain outlook issued at 12:00 PM EDT, highlighting a slight risk across the Northeastern United States

Flood damage also occurred in North Attleborough, where 200 homes were flooded, including basements,[23] and vehicles were submerged.[24][25] Several roads were closed,[26] and the emergency operations center was activated there.[24] Two Boston Red Sox games were postponed due to the rainfall.[27] Nearly 2,400 power outages occurred across the state.[21] A tornado warning was also issued for Bristol, Norfolk, and Plymouth counties after the storm which prompted the warning in Rhode Island moved into southern portions of the state.[28] At Logan International Airport in Boston, 75 flights were cancelled and 245 were delayed.

Connecticut

On September 13, streets were flooded in West Hartford, submerging a car,[29] as a flash flood warning was issued for Hartford.[2][30] Roads were also flooded in Farmington, prompting law enforcement to place signs and barricades across the flooded area.[31] At least eight people were rescued in Danbury as cars were submerged in floodwaters.[32] Route 317 was closed near Roxbury, and a Holiday Inn hotel was damaged by floods.[32] Flash flood warnings were issued for several counties in the state, and a severe thunderstorm warning was issued for the Hartford area as streets and buildings were flooded there.[33][34] Flooding also occurred in Bristol, where flooded roads submerged at least three cars.[35] One of the storms which produced heavy rainfall spawned an EF1 tornado near Danielson, and Killingly, downing trees and causing minor damage to two homes, and a tornado warning was also issued for that area.[36] Damage across Connecticut totaled $13,300.[37]

Rhode Island

An apartment complex consisting of 24 apartments were affected by floods on September 11 in Cranston, where two dogs died and two cats went missing.[38] Flooding impacted a shopping plaza, damaging businesses and prompting 25 people to be rescued from floodwaters.[39] The West River overflowed, forcing a road to close after the roadway was under 4 feet (1.2 m) of water.[40] Flooding also occurred in Cumberland, and North Providence.[40] Floods caused delays on the Providence/Stoughton Line.[3] The tornado which impacted areas near Danielson and Killingly, Connecticut crossed the border into Rhode Island, where trees and power lines were down in Foster.[41] Damage in Rhode Island totaled to $15,800.[42]

Maryland

On September 12, a flash flood emergency was issued for the entire Baltimore area as 3–5 in (76–127 mm) of rain fell.[2] Several roads and highways, including portions of the Capital Beltway (I-495) and US 29 were closed due to floodwaters on the roadway, and flooding also stranded drivers on several roads in the city.[2][43] More than 1,500 power outages occurred across the state.[44] Flash flood warnings and a tornado warning was issued for parts of the state as the storms moved through.[45] Damage in Maryland totaled to $548,000.[46]

Elsewhere

On September 9, flash flooding in Pennsylvania, specifically across Lackawanna County, Luzerne County and Wyoming County resulted in two deaths and $25.3 million in property damage to 459 residences.[47] Further east, a Major League Baseball game at Yankee Stadium between the New York Yankees and Milwaukee Brewers was postponed by over two and a half hours due to heavy rainfall.[48]

On September 11, in New Jersey, more than 1,500 power outages occurred, and a water rescue took place after a woman and her dog were in a submerged vehicle in Perth Amboy.[49][50] Several streets were flooded in Hoboken as a flood watch was in effect for northeastern parts of the state.[51] At Newark Liberty International Airport, there were 107 cancelled flights and an additional 219 delayed. Before a Monday Night Football game between the New York Jets and Buffalo Bills, a shelter-in-place warning was issued at MetLife Stadium.[52] Across New York City-area airports, at John F. Kennedy International Airport, 70 flights were cancelled and 274 flights were delayed, while at LaGuardia Airport, 132 flights were cancelled and 194 were delayed on September 11.[53] A Major League Baseball game between the New York Mets and the Arizona Diamondbacks was delayed at Citi Field.[54] Damage in New York totaled to $7,000.[55]

Aftermath

All schools in Leominster were closed on September 12, the day after the floods, due to flood damage that occurred in the school buildings.[9][10] Boat rescue and emergency response teams were dispatched to areas in northern Massachusetts following the floods.[3] Looting also occurred in flooded businesses in Providence, Rhode Island.[56] Massachusetts governor Maura Healey declared a state of emergency for

Leominster and North Attleborough as she toured the flood damage in those locations.[57][3] The American Red Cross assisted flood victims in Cumberland and North Providence, Rhode Island, and two schools opened as shelters to flood victims in Leominster.[15][57]

References

1. Lethang, Marlene (September 12, 2023). "Massachusetts city under state of emergency after 'catastrophic' flash floods" (https://www.nbcnews.com/news/weather/massachusetts-city-state-emergency-catastrophic-flash-floods-rcna104584). *NBC News*. Retrieved September 12, 2023.
2. Oberholtz, Chris (September 13, 2023). "Flash Flood Emergency swamps Baltimore while Northeast drenched again under a washout Wednesday" (https://www.foxweather.com/weather-news/flash-flood-emergency-baltimore-northeast-wednesday-storms). *FOX Weather*. Retrieved September 13, 2023.
3. "Leominster grapples with damage from flash flooding after rains pummel Mass., R.I." (https://www.wbur.org/news/2023/09/12/flash-flooding-leominster-providence-sinkhole) *WBUR*. September 12, 2023. Retrieved September 12, 2023.
4. Belk, Matthew; Loconto, Andrew (September 12, 2023). "Area Forecast Discussion - National Weather Service Boston, Massachusetts" (https://forecast.weather.gov/product.php?site=BOX&issuedby=BOX&product=AFD&format=CI&version=5&glossary=1&highlight=off). *National Weather Service Boston, Massachusetts*. Retrieved September 12, 2023.
5. "Mesoscale Precipitation Discussion 1059" (https://www.wpc.ncep.noaa.gov/metwatch/metwatch_mpd_multi.php?md=1059&yr=2023). *Weather Prediction Center*. September 11, 2023. Retrieved September 13, 2023.
6. Casey, Michael; McCormack, Kathy (September 12, 2023). "Heavy rain brings flash flooding in parts of Massachusetts and Rhode Island" (https://abcnews.go.com/US/wireStory/heavy-rain-brings-flash-flooding-parts-massachusetts-rhode-103111095). *ABC News*. Retrieved September 13, 2023.
7. Severe Thunderstorm Watches issued for parts of New York, Northeast along I-95 corridor (https://www.foxweather.com/weather-news/northeast-i-95-corridor-faces-renewed-threat-of-severe-weather-friday.amp), Fox Weather, September 8, 2023
8. Flash flooding closes Sagamore Bridge to Cape Cod (https://www.nbcboston.com/news/local/flash-flooding-closes-sagamore-bridge-to-cape-cod/3132079/), NBC Boston, September 10, 2023
9. " "Catastrophic floods": Leominster under state of emergency, schools closed Tuesday" (https://www.cbsnews.com/boston/news/leominster-state-of-emergency-flooding-schools-closed/). *CBS News Boston*. September 11, 2023. Retrieved September 12, 2023.
10. McCormack, Kathy; Ramer, Holly; LeBlanc, Steve; Ngowi, Rodrique; Sharp, David; Rathke, Lisa; Lieb, David (September 12, 2023). "Heavy rain brings flash flooding to parts of Massachusetts and Rhode Island" (https://apnews.com/article/flash-flooding-massachusetts-e423e4c821b8e11f0a424a6d48814563). *AP News*. Retrieved September 12, 2023.
11. "Cadillacs fall into sinkhole at Leominster dealership" (https://www.cbsnews.com/boston/news/leominster-flood-damage-cadillacs-sinkhole-dealership/). *CBS News Boston*. September 12, 2023. Retrieved September 12, 2023.
12. Taylor, Derrick Bryson (September 12, 2023). "Massachusetts City Declares Emergency After 'Catastrophic' Flash Flooding" (https://www.nytimes.com/2023/09/12/us/leominster-massachusetts-flash-flooding.html). *The New York Times*. ISSN 0362-4331 (https://www.worldcat.org/issn/0362-4331). Retrieved September 12, 2023.

13. Belk, Matthew; Loconto, Andrew (September 12, 2023). "Area Forecast Discussion - National Weather Service Boston, Massachusetts" (https://forecast.weather.gov/product.php?site=BOX&issuedby=BOX&product=AFD&format=CI&version=4&glossary=1&highlight=off). *National Weather Service Boston, Massachusetts*. Retrieved September 12, 2023.
14. "Leominster residents near Barrett Park Pond Dam asked to "immediately evacuate" amid flooding" (https://www.cbsnews.com/boston/news/leominster-massachusetts-flooding-evacuation-warning-barrett-park-pond-dam/). *CBS News Boston*. September 12, 2023. Retrieved September 12, 2023.
15. Villegas, Paulina (September 12, 2023). " 'Catastrophic' flooding causes damage and evacuations in Massachusetts" (https://www.washingtonpost.com/weather/2023/09/12/leominster-massachusetts-flash-flooding-fitchburg/). *The Washington Post*. Retrieved September 13, 2023.
16. "Flooding in Leominster prompts dozens of rescues, mayor says "it's a miracle" no one died" (https://www.cbsnews.com/boston/news/leominster-flooding-damage-brooks-pond-dam-mayor-dean-mazzarella/). *CBS News Boston*. September 12, 2023. Retrieved September 12, 2023.
17. "Roads closed following significant flooding in Leominster" (https://www.cbsnews.com/boston/news/leominster-flooding-road-closures/). *CBS News Boston*. September 12, 2023. Retrieved September 12, 2023.
18. "Flash flood warning issued as heavy rains submerge roads, disrupt travel" (https://turnto10.com/news/local/flash-flood-warning-issued-as-heavy-rains-submerge-roads-disrupt-travel-rhode-island-massachusetts-new-england-september-11-2023). *WJAR*. September 11, 2023. Retrieved September 13, 2023.
19. "Evacuation Order - Barrett Park Pond Dam Concern" (https://www.leominster-ma.gov/AlertCenter.aspx?AID=11). *Leominster, Massachusetts Mayor's Office*. September 12, 2023. Retrieved September 12, 2023.
20. Yan, Holly; Wolfe, Elizabeth; Henderson, Jennifer (September 12, 2023). "A Massachusetts city deluged by 'catastrophic' flooding faces more danger as homes near a precarious dam get evacuated" (https://www.cnn.com/2023/09/12/weather/leominster-massachusetts-flooding-rhode-island-tuesday/index.html). *CNN*. Retrieved September 12, 2023.
21. Larson, Shannon; Kovatch, Breanne; Sweeney, Emily; Hilliard, John Hilliard (September 12, 2023). " 'Catastrophic' flood damage in Leominster damages Commuter Rail tracks, endangers dam, forces evacuations - The Boston Globe" (https://www.bostonglobe.com/2023/09/11/metro/leominster-fitchburg-gardner-under-flash-flood-emergency-monday-night/). *The Boston Globe*. Retrieved September 12, 2023.
22. "Leominster flooding caused up to $40 million in damage to city infrastructure, mayor says" (https://www.cbsnews.com/boston/news/leominster-flooding-cleanup-massachusetts-rain-forecast/). *CBS News Boston*. September 13, 2023. Retrieved September 14, 2023.
23. "Rain causes flash flooding in North Attleboro" (https://www.cbsnews.com/boston/video/rain-causes-flash-flooding-in-north-attleboro/). *CBS News Boston*. September 12, 2023. Retrieved September 12, 2023.
24. Fortin, Matt (September 12, 2023). "Around 200 homes left with flood damage in North Attleborough after heavy rainfall" (https://www.nbcboston.com/news/local/around-200-homes-left-with-flood-damage-in-north-attleborough-after-heavy-rainfall/3133798/). *NBC Boston*. Retrieved September 12, 2023.
25. " 'Catastrophic flooding' causes major damage across Leominster, prompting state of emergency" (https://www.nbcboston.com/news/local/area-of-leominster-urged-to-evacuate-amid-potential-issue-with-dam/3133385/). *NBC Boston*. September 12, 2023. Retrieved September 12, 2023.

26. "North Attleboro flooding damages 200 homes" (https://www.cbsnews.com/boston/news/north-attleboro-flooding-damage-rain-homes/). *CBS News Boston*. September 12, 2023. Retrieved September 12, 2023.
27. Yankees-Red Sox postponed by rain; doubleheader set for Thursday (https://apnews.com/article/yankees-red-sox-postponed-58e4d596bfb46b4b6e6e51574b4f5b3d), AP News, September 13, 2023
28. Leal, Tania (September 13, 2023). "Heavy rain and tornado warnings in Boston area, New England" (https://www.nbcboston.com/weather/first-alert-rain-thunderstorms-move-through-new-england-threatening-flooding/3134771/). *NBC Boston*. Retrieved September 14, 2023.
29. "Storms cause flooding across Connecticut" (https://www.nbcconnecticut.com/weather-news/storms-cause-flooding-across-connecticut/3103719/). *NBC Connecticut*. September 13, 2023. Retrieved September 13, 2023.
30. Lemanski, Michael (September 13, 2023). "WATCH: Massive Street Flooding In West Hartford" (https://patch.com/connecticut/westhartford/streets-flooding-west-hartford-due-downpour-town). *West Hartford, CT Patch Media*. Retrieved September 13, 2023.
31. Lemanski, Michael (September 13, 2023). "Flooded Roads In Farmington Prompt Some Closures: Police" (https://patch.com/connecticut/farmington/flooded-roads-farmington-prompt-some-closures-police). *Farmington, CT Patch Media*. Retrieved September 13, 2023.
32. "Storms cause flooding across the state" (https://www.nbcconnecticut.com/weather-news/scattered-showers-and-thunderstorms-expected-through-the-afternoon/3103444/). *NBC Connecticut*. September 13, 2023. Retrieved September 13, 2023.
33. McCready, Brian (September 13, 2023). "Severe Thunderstorm Warning Issued For Hartford/Tolland County" (https://patch.com/connecticut/vernon/flash-flood-warning-issued-hartford-tolland-county). *Vernon, CT Patch Media*. Retrieved September 13, 2023.
34. "Hartford's North End residents dealing with flooding yet again" (https://www.nbcconnecticut.com/news/local/hartfords-north-end-residents-dealing-with-flooding-yet-again/3104091/). *NBC Connecticut*. September 13, 2023. Retrieved September 14, 2023.
35. Harfmann, Tim (September 13, 2023). "Flooding closes roads in Bristol" (https://www.wtnh.com/news/connecticut/hartford/flooding-closes-roads-in-bristol/). *WTNH*. Retrieved September 14, 2023.
36. Breton, Ryan (September 13, 2023). "Possible tornado hits the Killingly area" (https://www.fox61.com/article/weather/severe-weather/possible-tornado-hits-killingly-area/520-61c50832-12d7-411a-b6cf-1b830164c8bf). *FOX61*. Retrieved September 14, 2023.
37. Connecticut Event Reports: September 11-13, 2023 (https://www.ncdc.noaa.gov/stormevents/listevents.jsp?eventType=ALL&beginDate_mm=09&beginDate_dd=11&beginDate_yyyy=2023&endDate_mm=09&endDate_dd=13&endDate_yyyy=2023&county=ALL&hailfilter=0.00&tornfilter=0&windfilter=000&sort=DT&submitbutton=Search&statefips=9%2CCONNECTICUT), NCDC Storm Even Database
38. Crowlet, Leah (September 11, 2023). "24 apartments affected by flooding at Cranston complex" (https://www.wpri.com/news/local-news/west-bay/24-apartments-affected-by-flooding-at-cranston-complex/). *WPRI*. Retrieved September 12, 2023.
39. "Mayor Smiley to discuss flooding damage in Providence" (https://turnto10.com/news/local/mayor-brett-smiley-to-address-flooding-damage-in-providence-branch-avenue-heavy-rainfall-sept-12-2023). *WJAR*. September 12, 2023. Retrieved September 13, 2023.
40. Doiron, Sarah (September 11, 2023). "Firefighters rescue 25 stranded by floodwaters in Providence" (https://www.wpri.com/weather/severe-weather/flooding-renders-roadways-impassable-across-ri/). *WPRI*. Retrieved September 13, 2023.

41. Casey, Michael; McCormack, Kathy (September 13, 2023). "Rain-soaked New England hit by likely tornado amid wild weather ahead of Hurricane Lee's arrival" (https://apnews.com/article/flash-flooding-massachusetts-new-england-e016709d8628f8a16b352acb715a342c). *AP News*. Retrieved September 14, 2023.
42. Rhode Island Storm Event Reports: September 11-13, 2023 (https://www.ncdc.noaa.gov/stormevents/listevents.jsp?eventType=ALL&beginDate_mm=09&beginDate_dd=11&beginDate_yyyy=2023&endDate_mm=09&endDate_dd=13&endDate_yyyy=2023&county=ALL&hailfilter=0.00&tornfilter=0&windfilter=000&sort=DT&submitbutton=Search&statefips=44%2CRHODE+ISLAND), NCDC Storm Event Database
43. Reed, Lillian (September 13, 2023). "Thunderstorms flood roadways stranding numerous Baltimore-area motorists" (https://www.thebaltimorebanner.com/community/climate-environment/weather-thunderstorm-maryland-tornado-flash-flooding-YIGP7NWXAVCSDN4PZ264MGLMSM/). *The Baltimore Banner*. Retrieved September 13, 2023.
44. "Overnight storms down trees, flood roads and knock power across Baltimore region" (https://www.cbsnews.com/baltimore/news/maryland-baltimore-weather-wednesday-storms-damage-power-outage/). *CBS Baltimore*. September 13, 2023. Retrieved September 13, 2023.
45. "Baltimore's Office of Emergency Management warns people away from flooded areas" (https://www.cbsnews.com/baltimore/news/baltimores-office-of-emergency-management-warns-people-away-from-flooded-areas/). *CBS News Baltimore*. September 13, 2023. Retrieved September 13, 2023.
46. Maryland Event Reports: September 11-13, 2023 (https://www.ncdc.noaa.gov/stormevents/listevents.jsp?eventType=ALL&beginDate_mm=09&beginDate_dd=11&beginDate_yyyy=2023&endDate_mm=09&endDate_dd=12&endDate_yyyy=2023&county=ALL&hailfilter=0.00&tornfilter=0&windfilter=000&sort=DT&submitbutton=Search&statefips=24%2CMARYLAND), NCDC Storm Event Database
47. Casey, Fetterman, Cartwright Urge President Biden to Approve Major Disaster Declaration for Northeastern Pennsylvania (https://www.casey.senate.gov/news/releases/casey-fetterman-cartwright-urge-president-biden-to-approve-major-disaster-declaration-for-northeastern-pennsylvania#), Bob Casey Senate, November 17, 2023
48. Brewers crank out 7 late runs to beat Yankees (https://www.reuters.com/sports/baseball/brewers-crank-out-7-late-runs-beat-yankees-2023-09-09/), Reuters, September 9, 2023
49. Tripani, Matt (September 11, 2023). "Stormy weather causes flooding, power outages across New Jersey" (https://newjersey.news12.com/stormy-weather-causes-flooding-power-outages-across-new-jersey). *News 12 - New Jersey*. Retrieved September 12, 2023.
50. "Woman and her pet rescued from car submerged in floodwater in New Jersey" (https://abc7ny.com/woman-rescued-from-car-pet-rescues-flooding-perth-amboy/13769975/). *ABC7 New York*. September 12, 2023. Retrieved September 13, 2023.
51. Lissner, Caren (September 12, 2023). "Why Didn't Hoboken's Futuristic Flood Gates Go Down? Residents Post Photos" (https://patch.com/new-jersey/hoboken/why-didnt-hoboken-flood-gates-go-down-residents-wonder-post-photos). *Hoboken, NJ Patch*. Retrieved September 13, 2023.
52. Shelter-in-place warning in effect at MetLife Stadium before Jets-Bills Monday Night Football clash (https://clutchpoints.com/jets-news-shelter-in-place-warning-at-metlife-stadium-before-new-york-buffalo-mnf-clash), ClutchPoints, September 11, 2023
53. Weather creates weekend of delays, despair for New York airline passengers (https://www.fox5ny.com/news/new-york-weather-airport-delays), Fox5NY, September 11, 2023
54. Monday's Mets-Diamondbacks game delayed by rain, has new start time (https://sny.tv/articles/mets-diamondbacks-game-monday-sept-11-delayed-by-rain), SNY, September 11, 2023

55. New York Storm Event Reports: September 11-13, 2023 (https://www.ncdc.noaa.gov/stormevents/listevents.jsp?eventType=ALL&beginDate_mm=09&beginDate_dd=11&beginDate_yyyy=2023&endDate_mm=09&endDate_dd=13&endDate_yyyy=2023&county=ALL&hailfilter=0.00&tornfilter=0&windfilter=000&sort=DT&submitbutton=Search&statefips=36%2CNEW+YORK), NCDC Storm Events Database
56. Muñoz, Carlos R. (September 12, 2023). "Stores looted after flooding on Branch Avenue in Providence - The Boston Globe" (https://www.bostonglobe.com/2023/09/12/metro/stores-looted-providence-rhode-island-flooding-citi-trends-barbell-gym/). *The Boston Globe*. Retrieved September 13, 2023.
57. Doiron, Sarah (September 13, 2023). "RI, Mass. brace for more rain after damaging floods" (https://www.wpri.com/weather/severe-weather/september-12-13-storm-coverage/). *WPRI*. Retrieved September 13, 2023.

Retrieved from "https://en.wikipedia.org/w/index.php?title=September_2023_northeastern_U.S._floods&oldid=1227594894"