# South Carolina Flooding

**Location of the Disaster**: South Carolina

**Type of Disaster**: Flood

**Beginning date**: Oct 2nd ish ? It started raining on Oct 1st

**Ending date:** ongoing, but it’s starting to recede.

**Time of the disaster:** Rain all day

**Disaster details:**

* 19 dead [3]
* Early estimates over 1 billion in damages [9]
* At least $300m in crop losses [1]
* 17 Failed dams [2]
* Once in a millennium floods [10]
* State of Emergency [7]
* State of Disaster declared [4]
* 250 roads closed [1]
* 27.15 inches of rain in from Oct 1 – Oct 6 at Mount Pleasant South Carolina [8]
* Possibly up to 18.71 inches of rain in a 24 hour period in White Birch Circle in Columbia, SC [8]

**Mitigation:** You generally can’t prevent floods. Mitigation for floods is about controlling where the water goes. [5] FEMA estimates that 4 dollars is saved for every 1 dollar spent on mitigation. [6] Levees, embankments and walls can raise the edge of the water and channel water.[5]

[1] - <https://www.washingtonpost.com/blogs/capital-weather-gang/wp/2015/10/08/sobering-before-and-after-pictures-show-extent-of-south-carolina-flooding/>

[2] <http://www.usnews.com/news/us/articles/2015/10/10/south-carolina-floods-leave-a-shared-sense-of-memories-lost>

[3] <http://wbt.com/death-toll-rises-from-south-carolina-flooding/>

[4] <http://www.weather.com/news/news/south-carolina-floods-news>

[5] <https://en.wikipedia.org/wiki/Flood_mitigation>

[6] What is Hazard Mitigation? <http://www.portal.state.pa.us/portal/server.pt?open=512&objID=4547&&PageID=457689&mode=2>

[7] <http://q13fox.com/2015/10/04/president-obama-declares-state-of-emergency-in-south-carolina18-inches-of-rain-falls-in-24-hours/>

[8] <http://www.weather.com/news/news/south-carolina-historic-flood-rainfall-record-extreme>

[9] <http://www.theguardian.com/us-news/2015/oct/09/south-carolina-flood-damage-horrendous-losses>

[10] <http://www.theguardian.com/us-news/2015/oct/04/south-carolina-flood-governor-nikki-haley-deaths-thousand-year>