

# Experimental Flood Hazard Outlook (FHO)

- WHAT:** High-level graphical depiction and key messages highlighting the potential threat of inland flood hazards (flash, urban, small stream and riverine) and their associated impacts (limited, considerable, and catastrophic) for the next seven days. Potential tidal related hazards are also mentioned. Available as a static image and a Geographic Information System (GIS) service.
- WHO:** National Weather Service (NWS) stakeholders and Federal, State, and Regional water partners as part of Impact-Based Decision Support Services (IDSS)
- WHY:** To provide nationally-consistent flood hazards information and a coordinated hydrologic flood graphic.
- WHEN:** This product will be issued twice daily:  
 Primary Issuance: 2100 UTC (4 PM CDT / 3 PM CST)  
 Morning Update: 7:00 AM CDT/CST
- WHERE:** <https://water.noaa.gov/operations/fho>

## Flood Hazard Outlook (FHO): Category Definitions

<p style="text-align: center;"><b>Limited Impact</b></p> <p style="text-align: center;"><b>Base flash flooding and/or minor river flooding is expected</b></p> <hr style="width: 20%; margin: 10px auto;"/> <ul style="list-style-type: none"> <li>Flash flooding with base to isolated considerable IBW tags. In general, minimal or no widespread property damage, but possibly some public threat (e.g., inundation of roads). Local water rescues may occur, but are limited to evacuations of cutoff areas or isolated swift water rescues.</li> <li>Minor to isolated moderate riverine flooding. Minor riverine flooding is defined as minimal or no property damage, but possibly some public threat (e.g., inundation of roads)</li> </ul>	<p style="text-align: center;"><b>Considerable Impact</b></p> <p style="text-align: center;"><b>Significant flash flooding and/or moderate river flooding is expected</b></p> <hr style="width: 20%; margin: 10px auto;"/> <ul style="list-style-type: none"> <li>Flash flooding with numerous considerable IBW tags is possible. Impacts include widespread inundation of roads and structures, evacuations of people and/or transfer of property to higher elevations. Numerous swift/high water rescues may be possible.</li> <li>Widespread moderate to scattered major riverine flooding is possible. Moderate riverine flooding is defined as some inundation of structures and roads near streams, evacuations of people and/or transfer of property to higher elevations.</li> <li>Messaging of widespread, life threatening flooding that may occur and that urgent actions may be needed to prepare for flooding.</li> </ul>	<p style="text-align: center;"><b>Catastrophic Impact</b></p> <p style="text-align: center;"><b>Exceedingly rare and widespread flash flooding and/or major river flooding is expected</b></p> <hr style="width: 20%; margin: 10px auto;"/> <ul style="list-style-type: none"> <li>Flash flooding with considerable IBW tags is likely, with multiple catastrophic tags possible. Impacts include extensive inundation and/or destruction of roads and structures, significant evacuations of people and/or transfer of property to higher elevations. Water rescues of a significant number of persons are likely and overwhelming of area and regional resources is possible (e.g., rooftop rescues).</li> <li>Widespread major riverine flooding, with "floods of record" possible. Major riverine flooding is defined as extensive inundation of structures and roads, significant evacuations of people and/or transfer of property to higher elevations.</li> <li>Messaging includes high end, life threatening flooding with significant disruptions to daily life likely.</li> </ul>
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See Text: Ongoing or low confidence flood impacts (GIS service only)

Figure 1: Experimental FHO Category Definitions

# Experimental Flood Hazard Outlook (FHO)



## Experimental 7-Day Flood Hazard Outlook

Includes Flash, River, and Tidal Flood Hazards



Issued: 2022-09-28 04:00 PM CDT (21:00 UTC) | Valid Through: 2022-10-05 04:00 PM CDT (21:00 UTC) | Next Issuance: 2022-09-29 04:00 PM CDT (21:00 UTC)

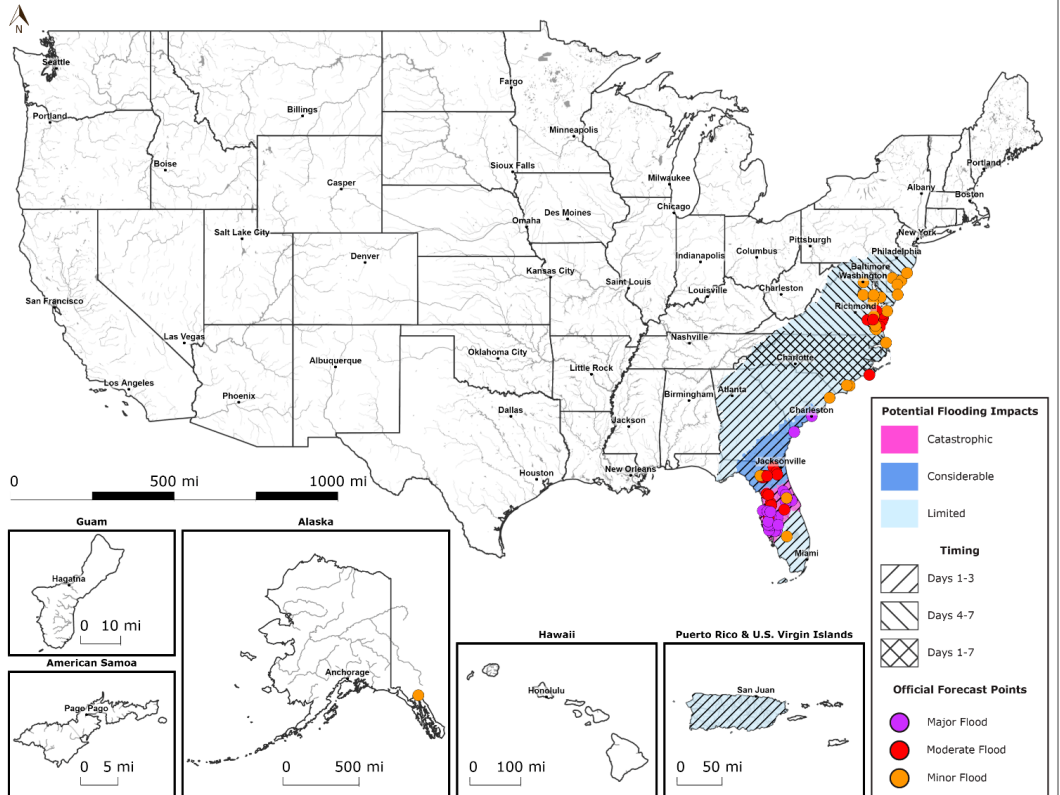
### Flood Hazard Messages

#### Hurricane Ian

- For information regarding Hurricane Ian and potential catastrophic flooding impacts across Florida and considerable flood impacts in the Southeast, please see the Tropical Flood Hazard Outlook.

#### Puerto Rico

- Heavy rainfall may create rises on rivers, flash flooding, and potential landslides through Friday.



**Disclaimer:** This outlook provides an overview of potential flooding impacts. Please refer to detailed products issued by local National Weather Service offices for official forecasts and warnings. ([www.weather.gov](http://www.weather.gov))

To learn more or provide feedback, visit: [https://nws.weather.gov/products/PDD/PDD\\_ExpFloodHazardOutlook\\_2022.pdf](https://nws.weather.gov/products/PDD/PDD_ExpFloodHazardOutlook_2022.pdf)

Figure 2: Example Flood Hazard Outlook.

(Note: current issuances of this product may have a slightly different appearance than the example shown)

The NWS is accepting comments through June 30, 2024 on the experimental Flood Hazard Outlook (FHO). Please provide feedback on this product at: [https://www.surveymonkey.com/r/ExtExp\\_FHO\\_2023\\_24](https://www.surveymonkey.com/r/ExtExp_FHO_2023_24)