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PNSWSH

Public Information Statement 22-60
National Weather Service Headquarters Silver Spring MD
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To: Subscribers:
 -NOAA Weather Wire Service
 -Emergency Managers Weather Information Network
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From: Greg Schoor, Chief
 Marine, Tropical and Tsunami Services Branch

Subject: Soliciting Public Comments through November 17, 2022 on the Provision of Post-Tropical Cyclone Event Observational Data through "Tropical Event Summary" Webpages

The National Weather Service (NWS) is soliciting public comments through November 17, 2022 on the provision of post-tropical cyclone event observational data through "Tropical Event Summary" webpages.

The Post Tropical Cyclone Report (PSH) text product is issued by Weather Forecast Offices (WFOs) that issue land-based tropical cyclone hazards (i.e., tropical storm, hurricane/typhoon, or storm surge) during a tropical cyclone event. The PSH provides observational data from the WFO's County Warning Area (CWA) associated with the tropical cyclone event. A detailed description of the contents of the current PSH text product can be found in NWS Instruction (NWSI) 10-601, Section 1.6:

<https://www.nws.noaa.gov/directives/sym/pd01006001curr.pdf>

An example of the current PSH text product format is linked below. Note that the linked example is the PSH from Hurricane Ida (2021) that was issued by WFO New Orleans:

https://www.weather.gov/source/chs/PSH/PSHLIX_Ida.txt

The NWS proposes to replace the content of this text product to simply direct users to a "Tropical Event Summary" webpage that will provide the same observational data in new formats that are targeted to suit the varied needs of users noted in the comments received by the NWS through the previously issued Public Information Statement 21-61:

https://www.weather.gov/media/notification/pdf2/pns21-61_comments_proposed_psh_format_change.pdf

The continued issuance of a PSH text product will allow users who rely on alerts when NWS text products are updated to still be notified when an updated PSH is posted. Examples of the proposed future PSH text product for both the initial issuance of the text product and for updates is provided below:

<https://www.weather.gov/chs/New-PSH-textproduct-examples>

The data from the Hurricane Ida PSH product linked above was used to create the proposed product examples provided for comment on this sample "Tropical Event Summary" website:

<https://www.weather.gov/chs/TropicalEventSummary>

The NWS is proposing to change the format of the observational information to comma-separated values (CSV) files to better meet the needs of users who wish to more readily query the data. In addition, the NWS is proposing to offer plain language event summaries in portable document format (PDF) to suit the needs of users who are manually reading the information to quickly find the peak observational values and other important information.

The NWS proposes to provide all WFO-issued post-tropical cyclone event information on webpages with the same URL format as the link above, with the "chs" replaced with the 3-letter identifier for the WFO providing the summary data. These "Tropical Event Summary" webpages would provide the following information in portable document format (PDF) to serve those looking for plain-language, mobile-friendly summaries of the peak observational values and the overall reported impacts:

1. Observational data summaries:

https://www.weather.gov/media/chs/PSH/Initial_PSHLIX_AL092021_Ida_Summary.pdf

2. Impacts reports:

https://www.weather.gov/media/chs/PSH/Initial_PSHLIX_AL092021_Ida_ImpactNarratives.pdf

The "Tropical Event Summary" webpages would also provide the following information in comma separated values (CSV) format to serve those looking for a complete record of the observational data to digitally port into databases:

3. Wind and Pressure:

https://www.weather.gov/source/chs/PSH/Initial_PSHLIX_AL092021_Ida_WindAndPressure.csv

4. Rainfall:

https://www.weather.gov/source/chs/PSH/Initial_PSHLIX_AL092021_Ida_Rainfall.csv

5. Water Level:

https://www.weather.gov/source/chs/PSH/Initial_PSHLIX_AL092021_Ida_WaterLevel.csv

6. Tornadoes:

https://www.weather.gov/source/chs/PSH/Initial_PSHLIX_AL092021_Ida_Tornadoes.csv

Each WFO will also have the option to include other relevant links on the "Tropical Event Summary" webpage that are pertinent to the tropical cyclone event. The example "Tropical Event Summary" webpage linked above includes optional links to the WFO's local storm information webpage as well as the National Hurricane Center's Tropical Cyclone Report for Hurricane Ida.

The proposed "Tropical Event Summary" webpage linked above also includes an example of the webpage contents when there are updated products provided. Please note that the update file names on the sample page include the prefix "Update_" simply for display purposes to gather comments on the update file format. If this process becomes operational, the file names will use the uniform resource locators (URLs) provided above for the initial issuance and for all subsequent updates. Updates will continue to be issued as new observational information is analyzed and included in the post-tropical cyclone event record.

Comments are being solicited on the proposed changes detailed above. Please submit your feedback by November 17, 2022 to:

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National Public Information Statements are online at:

<https://www.weather.gov/notification>

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