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PNSWSH

Service Change Notice 23-17
National Weather Service Headquarters Silver Spring MD
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To: Subscribers:
 -NOAA Weather Wire Service
 -Emergency Managers Weather Information Network
 -NOAAPort
 Other NWS Partners, Users and Employees

From: Greg Schoor, Chief
 Marine, Tropical and Tsunami Services Branch

Subject: Provision of Post-Tropical Cyclone Event Observational Data on
Tropical Event Summary Webpages Beginning on or about May 15, 2023

The National Weather Service (NWS) will begin providing post-tropical cyclone event observational and impact data via a suite of files on Weather Forecast Office (WFO)-hosted "Tropical Event Summary" webpages beginning on or about May 15, 2023.

The current Post-Tropical Cyclone Report (PSH) text product is issued by 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 here, from Hurricane Ida (2021), issued by WFO New Orleans:

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

The NWS will replace the content of this text product to simply direct users to a "Tropical Event Summary" webpage. The webpage will provide the same observational data but in new formats, targeted for a variety of users' needs that were collected during the official comment period, associated with Public Information Statement 21-61:

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

and the more recent public comment period, associated with Public Information Statement 22-60:

https://www.weather.gov/media/notification/pdf2/pns22-60_post_tropical_cyclone_report_ext2022.pdf

The PSH text product will continue to be issued which will allow users who actively receive or rely on NWS text products to be notified when the product is issued. Examples of the proposed future PSH text product for both the initial issuance of the text product and subsequent updates is provided below:

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

The data from the Hurricane Ida PSH product linked above (2021) was used to create the product examples provided for comment on this sample "Tropical Event Summary" website:

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

With this official implementation, the NWS now begin operationally providing the post-tropical cyclone event observational information in comma-separated values (CSV) files, on these summary webpage, to better meet the needs of users who wish to more readily query the data. In addition, the NWS will offer plain language event summaries in portable document format (PDF).

The new "Tropical Event Summary" webpages will provide the following information in PDF format to serve those looking for plain-language, mobile-friendly summaries of the peak observational values and the overall reported impacts:

Observational data summaries:

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

Impacts reports:

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

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

Wind and Pressure:

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

Rainfall:

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

Water Level:

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

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 their "Tropical Event Summary" webpage that are pertinent to the tropical cyclone event, with the "chs" replaced with the 3-letter identifier for the WFO providing the summary data.

Note: The update file names on the sample page includes the prefix "Update_" simply for display purposes to show users that the file has been updated. The file names will use the URL structure 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.

For questions regarding the content or distribution of the PSH, please contact:

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National Service Change Notices are online at:

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

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