

Seasonal Configuration 2024

Here is an overview of the tropical site-level software updates for the 2024 season, followed by instructions for completing necessary updates for all tropical WFOs (except WFO GUM):

- Tropical HTI Updates
 - Updated HTI Mosaicking Processing Script - Sends kml versions of your HTI grids to a central location so they can be mosaicked together with other WFOs' kml files to create storm-scale HTI graphics.
 - TCStormSurgeThreat Procedure Update - Allows the forecaster to easily create blank inundation grids when no surge is forecast.
 - FloodingRainThreat and TornadoThreat Procedure Updates - Gives the forecaster control of which WPC and SPC outlook days are included in the HTI grid to allow non-tropical, peripheral rain or severe events to be excluded
 - PlotTPCEvents will be removed from the Hazards menu as sites will be using the Tropical Wind Hazard Recommender (TWHR) moving forward.
- GriddedTCM Update - Prevents the background winds from exceeding the max inner core winds.
- TCWindGust Tool - Automatically blends the wind gust grids associated with the TC vortex with the background wind gust grid. No longer includes gust factor selection.
- MWW Formatter Update - Ensures tropical Expressions of Uncertainty wording (Hurricane Conditions Possible) will appear as appropriate.
- PSH Update - WMO headers corrected for OCONUS sites.
- HLS "Evacuations" Section Update - The statement options for the "Evacuations" section will be reduced down to a simple statement: "Follow the advice of local officials". NOTE: This is simply a change to the TCVDictionary and does not require a code installation.
- TropicalTE - Has been updated to include the TWHR for test cases.
- Tropical Wind Hazard Recommender - New for this year, needs to be configured for use before the season and all site level files from previous testing need to be removed.

Required Software Updates:

1. HTI
 - **Tropical HTI Software Updates - All tropical offices will need to update their HTI software via the [Tropical Hti SCP page](#).**
2. GriddedTCM and TCWindGust Tool
 - **Follow the instructions in the [Download/Install Section of the GriddedTCM WIKI Page](#) to update the procedures.**

3. **MWW**
 - All coastal offices will need to update their **MWW text formatter** via an **svn update**.
4. **PSH**
 - All tropical offices should update their **PSH text formatter** via an **svn update**.
5. **HLS Evacuations Section Update**
 - Follow **these instructions** to provide a single, appropriate option for “Evacuations” messaging.
6. **TropicalTE Update**
 - Install the latest version of the **TropicalTE from the SCP**.
7. **Tropical Wind Hazard Recommender**
 - Confirm that your office completed the **pre/post install** notes from recent Awips build to prepare for TWHR implementation. This includes removing site level overrides that were previously used for testing.

All offices are encouraged to update to the 2024 breakpoint and storm surge communication shapefiles found on the repo. It is especially important for WFOs that have changes to their breakpoints or communications points and their backup sites to get the updated shapefiles from the repo ahead of any tropical activity.

For offices with public zone changes: in addition to the above updates, please see additional necessary steps detailed in the Zone Change instructions section that will also need to be completed.

Once all of the following configurations are complete and tested, upload your configuration to the central server so backup will work!