Subject: Updated: Changes to the Aviation Tropical Cyclone Advisory (TCA) Effective Immediately

Corrected to include a complete example of the new TCA product. The previous issuance included an error that accidentally removed the RMK section.

Effective immediately, format changes will be made to the Aviation Tropical Cyclone Advisory (TCA) product issued by the National Hurricane Center and the Central Pacific Hurricane Center for active tropical cyclones. These changes will supersede information in National Weather Service Instruction 10-607: Tropical Cyclone Forecast Center Products and Services. These changes are necessary to be in compliance with World Meteorological Organization (WMO) Technical Regulation No. 49, Volume II, Meteorological Service for International Air Navigation. This Regulation was recently amended to align with Amendment 78 to Annex 3 to the International Civil Aviation Organization (ICAO) Convention on International Civil Aviation.

An example of the new format of the TCA can be found below:

FKPA22 PHFO 140250
TCAPA2

HURRICANE EXERCISE ICAO ADVISORY NUMBER 2
NWS CENTRAL PACIFIC HURRICANE CENTER HONOLULU HI CP012021 0300 UTC TUE AUG 14 2021

TC ADVISORY
The TCA is provided using the following AWIPS product identifiers (PILs) and WMO Headers:

<table>
<thead>
<tr>
<th>Product</th>
<th>WMO Header</th>
<th>AWIPS PIL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Atlantic Basin TCA</td>
<td>FKNT/21-25/ KNHC</td>
<td>TCANT/1-5/</td>
</tr>
<tr>
<td>East Pacific TCA</td>
<td>FKPZ/21-25/ KNHC</td>
<td>TCAPZ/1-5/</td>
</tr>
<tr>
<td>Central Pacific TCA</td>
<td>FKPA/21-25/ PHFO</td>
<td>TCAPA/1-5/</td>
</tr>
</tbody>
</table>

Users of the TCA product should be aware that the NWS plans to provide the TCA in an additional format beginning in November when the WMO and ICAO will require the TCA to be disseminated in ICAO Meteorological Information Exchange Model (IWXXM) format. The NWS will issue an SCN before beginning the provision of aviation products in IWXXM format.

For questions regarding the changes directed by the WMO and ICAO outlined in this notice, please contact:

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National Service Change Notices are online at:
https://www.weather.gov/notification/

NNNN