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PNSWSH

Public Information Statement 18-24
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From: Allison Allen
 Chief, Marine, Tropical and Tsunami Services Branch

Subject: Soliciting comments on experimental graphics provided
 by the CPHC for tropical cyclones in the South
 Pacific basin based on forecasts issued by the JTWC
 through December 31, 2018

NWS is soliciting public comments through December 31, 2018, on experimental graphics provided by the Central Pacific Hurricane Center (CPHC) for tropical cyclones in the South Pacific basin based on forecasts issued by Joint Typhoon Warning Center (JTWC).

The Tropical Cyclone Track and Watch/Warning Graphics, also known as "cone graphics," are prepared operationally by the NWS National Hurricane Center (NHC) and CPHC for tropical cyclones in the Atlantic basin and eastern and central North Pacific basins. These operational graphics contain a tropical cyclone forecast track and an error cone along the track. On an experimental basis, these Tropical Cyclone Track Graphics will also be created by CPHC for all tropical cyclones forecast by JTWC from 120W to 160E from the equator to 25S in the South Pacific.

An example of these experimental graphics for the South Pacific can be found at:

<http://www.prh.noaa.gov/cphc/cyclones/?stormid=SP192018>

A tropical cyclone error cone is provided on these graphics. Historical data indicate that the entire 5-day path of the center of the tropical cyclone will remain within the cone about 60-70 percent of the time. To form the cone, a set of circles are placed along the forecast track at the 12, 24, 36, 48, 72, 96 and 120 h positions, where the size of each circle is set so that it encloses 67 percent of the previous five years' official track forecast errors. The cone is then formed by smoothly connecting the area swept out by the set of circles.

Unlike the operational graphics from NHC and CPHC, these

experimental graphics will not display coastal watches and warnings.

These graphics will be available on the CPHC website:

<http://www.prh.noaa.gov/cphc/xgtwo/spac.php>

In addition, these graphics will be experimentally available via Keyhole Markup Language (KML) files at:

<http://www.prh.noaa.gov/cphc/gis/>

In the future, CPHC could expand these graphics to the West Pacific basin.

If you have feedback to share, please fill out the electronic survey:

www.nws.noaa.gov/survey/nws-survey.php?code=TCGSP

or submit questions or comments to:

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National Hurricane Center
Miami, FL 33165
Telephone: 305-229-4476
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National Public Information Statements are online at:

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

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