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PNSWSH

Service Change Notice 21-84
National Weather Service Headquarters Silver Spring MD
1130 AM EDT Thu Sep 23 2021

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From: Allison Allen, Chief
 NWS Marine, Tropical and Tsunami Services Branch

Subject: Marine Forecast Matrix Issued by Weather Forecast Office
Honolulu, HI for Additional Pacific Locations Beginning October 1, 2021

Beginning on or about October 1, 2021, the NWS Weather Forecast Office (WFO) in Honolulu, HI (HFO) will begin issuing a new Marine Forecast Matrix (MFM) text product for locations outside of the Main Hawaiian Island coastal waters (MFMN10). No changes will be made to the existing MFM for locations across the Main Hawaiian Island coastal waters (MFMHFO).

With the addition of MFMN10, there will be two MFM products issued by HFO. The World Meteorological Organization (WMO) Identifiers (IDs) and Advanced Weather Interactive Processing System (AWIPS) Product Identifiers (PILs) are:

Product Name	WMO Heading	AWIPS ID
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Marine Forecast Matrix	FXHW40 PHFO	MFMHFO*
Marine Forecast Matrix	FXPA41 PHFO	MFMN10+

*existing product

+new product

The MFMN10 product will include a subset of elements covered in the MFM Product Description Document available at:

https://nws.weather.gov/products/PDD/MFM_PDD.pdf

The elements included in MFMN10 are wind direction (WIND DIR), wind speed (WIND SPD), significant wave height (SIG WAVE HGT) and probability of thunderstorms (TSTMS). Additional forecast elements and forecast locations may be added at a later date.

An example of the MFMN10 product is available at:

<https://www.weather.gov/media/hfo/MFMN10.txt>

For more information, please contact:

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National Service Change Notices are online at:

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

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