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PNSWSH

Technical Implementation Notice 15-46  
National Weather Service Headquarters Washington DC  
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To:       Subscribers:  
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          -NOAA Weather Wire Service  
          -Emergency Managers Weather Information Network  
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          Other NWS Partners, Users and Employees

From:     Mark B. Miller, Acting Director  
          Surface and Upper Air Division  
          Office of Observations

Subject: Fourth Quarter 2015 and First Quarter 2016 Dates for Transition  
from the Vaisala RS92-DD to the GRAW DFM-09 Radiosonde

From December 1, 2015, through March 31, 2016, 10 Cooperative Hurricane  
Upper Air Station (CHUAS) sites are scheduled to transition to the GRAW  
DFM-09 radiosondes:

Station Name	WMO#	Station ID
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Bahamas	78073	MYNN
Barbados	78954	TBPB
Belize	78583	MZBZ
Curacao	78988	TNCC
Dominican Republic	78486	MDSD
Grand Cayman	78384	MWCR
Jamaica	78397	MKJP
San Andres	80001	SKSP
St. Maarten	78866	TNCM
Trinidad	78970	TTPP

These upper air sites are not expected to be out of service during this  
transition.

The NWS is transitioning from the Vaisala RS92-DD radiosonde to a GRAW  
DFM-09 radiosonde. The Vaisala radiosonde operates at 1680 MHz and  
provides winds aloft with a ground-based Radio Direction Finding (RDF)  
system. The replacement GRAW radiosonde operates at 403 MHz and provides  
winds aloft from a Global Positioning System (GPS) receiver inside the  
radiosonde. Air pressure data is also derived from the GPS data.

For additional information on the message requirements, see World  
Meteorological Organization (WMO) 306 Manual on Codes (International  
Codes): Volume I.1 Part A - Alphanumeric Codes and Volume II Regional  
Codes and National Coding Practices (WMO Region IV).

If you have questions or feedback, please contact:

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