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PNSWSH

Technical Implementation Notice 15-46
National Weather Service Headquarters Washington DC
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FROM: Mark B. Miller
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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# | STN ID |
|--------------------|-------|--------|
| 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 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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National Technical Implementation notices are online:

<http://www.weather.gov/os/notif.htm>

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