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Public Information Statement: Amended  
National Weather Service Headquarters Washington DC  
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To:     Subscribers  
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       -Emergency Managers Weather Information Network  
       -NOAAPORT  
       Other NWS partners and NWS employees

From:    Joseph Facundo  
          Chief, NWS Observing Systems Branch

Subject:  Amended: Operational Test and Evaluation (OTE)  
          for Automated Surface Observing System (ASOS)  
          Software version 3.08 (v3.08) to start on or  
          about December 3, 2012

Note:     The following changes have no direct impact on  
          NOAA Weather Wire Service subscribers

The NWS Field Systems Support Center (FSOC) will begin an OTE on ASOS software v3.08 on or about December 3, 2012. The new v3.08 software load provides some 58 new functionalities to ASOS and includes 24 operational fixes to the current operational baseline v2.79Y. The new capabilities will do the following:

- Help ASOS meet the encoding requirements for METAR/SPECI reports as outlined in the Federal Meteorological Handbook No. 1 (FMH 1)
- Add the reporting of ice accretion amounts
- Add the Ice Free Wind (IFW) sensor quality control algorithm
- Provide support for the Federal Aviation and Administration's (FAA) Weather Sensor Processor (WSP) program.
- Add an Ice Accretion Remark on the 1 minute page and in the METAR and SPECI observations. The amount of ice accreting on a flat surface (planar icing), as estimated by the data from the freezing rain sensor, will be included in the remarks section of the METAR/SPECI reports. The remark will have the format of "Ihnnn", where "h" is the hourly time period, i.e., 1, 3 or 6 hours. The value "nnn" is the ice thickness accumulated to the nearest 0.01 inch. A toggle for the ice accretion remark to be included in the METAR/SPECI reports is on the PHYSICALS page (REVUE SITE PHYS).

The OTE will run for approximately 4 months, from about December 3, 2012, through April 2013 at 31 OTE sites, with observer augmentation: 27 FAA/NWS service level A, B, C sites, 4 Navy sites. Detailed information on v3.08 software is online at:

[http://www.weather.gov/ops2/ops24/documents/asos\\_v3.htm](http://www.weather.gov/ops2/ops24/documents/asos_v3.htm)

Installation of ASOS v3.08 software will occur at the following  
7 FAA/NWS (FAA Contract Tower) sites beginning on or about  
December 3, of 2012:

GKN Gulkana, AK  
TOP Topeka, KS  
COU Columbia, MO  
ORH Worcester, MA  
LIH Lihue, HI  
PDT Pendleton, OR  
SPG St. Petersburg, FL

Installation of ASOS v3.08 software will occur at 20 FAA/NWS (FAA  
Towered) sites beginning on or about December 3, 2012:

HIO Portland, OR  
JNU Juneau, AK  
FAI Fairbanks, AK  
SIT Sitka, AK  
DSM Des Moines, IA  
GRB Green Bay, WI  
PIA Peoria, IL  
SGF Springfield, MO  
BIS Bismarck, ND  
ACY Atlantic City, NJ  
CLE Cleveland, OH  
PWM Portland, ME  
ITO Hilo, HI  
TRI Bristol, TN  
DFW Dallas Ft. Worth, TX  
TUL Tulsa, OK  
SLC Salt Lake City, UT  
TUS Tucson, AZ  
OLM Olympia, WA  
BIL Billings, MT

Installation of ASOS v3.08 will occur at 4 U.S. Navy sites  
beginning on or about December 3, 2012:

KNGU Norfolk NAS, VA  
KNKT Cherry Point MCAS, NC  
KNBC Beaufort MCAS, SC  
KNIP Jacksonville NAS, FL

For more information, please contact:

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Public Information Statements are online at:

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

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