



# NWS SOFTWARE BRANCH



## ASOS Test Review Board

ASOS Software Version 2.79X  
Factory Acceptance Test Results

May 7, 2009



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## ASOS Software Version 2.79X Factory Acceptance Test Results

- Prism completed Version 2.79X on March 23, 2009
  - Based on Version 2.79V dated 02/17/2009
  - Contains software interface for CL31 replacement ceilometer
  - Uses new DCP PROMs Version 2.0 (needed for ASOS Software Versions 2.85+)
  - Factory Test completed April 14, 2009 at SFSC



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## ASOS Software Version 2.79X Test Trouble Report

- TTR 210 – V2.79V did not generate “F” flag when sensor’s thermistor failed
  - Solves problem with thermistor status not updating properly on the maintenance page for broken Ice Free Wind sensor and test mode “infinite loop”
  - Problem not found until IFW sensor firmware V4.54 was installed since earlier sensor firmware versions did not set thermistor status
  - Caused by static variable in software that does not get reset and causes infinite loop
  - Solved by removing the unnecessary static variable