

AWIPS II Topic of the Week -- NAWIPS Migration Activities

All,

The NAWIPS software package supports forecast operations and case study investigations at the National Centers (AWC, CPC, HPC, MPC, NHC, OPC, SPC and SWPC) and is also delivered to Unidata in support of several hundred universities world-wide. It consists of the entire GEMPAK package and several GUI programs which are built on GEMPAK. NMAP, the primary GUI program, provides the National Centers forecasters with an integrated platform for flexible visualization of all data types including those unique to the National Centers.

The NAWIPS migration to the AWIPS service oriented architecture is progressing on schedule with an anticipated completion date of October 2010. Currently, the team is migrating previously-developed functionality from TO9 to TO10.

The first functional build is set for 1 April and will be delivered to the National Centers and other interested parties for evaluation. This build will include:

1. National Centers perspective in CAVE w/ map and overlay resource capabilities including attribute editing, and full locator functionality also with full attribute editing,
2. Basic drawing and attribute editing capabilities of Product Generation
3. Several decoder plugins.

A special thanks goes out to Brent Gordon, NCEP Central Operations Systems Integration Branch Chief, and his staff for their input and contributions. For more information about the National Center AWIPS (NAWIPS), please go online to the AWIPS Tech Infusion website (<http://www.nws.noaa.gov/ost/SEC/AE/index.htm>).

Regards,

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