NAWIPS 6.1.1 Release Notes

Product Release Information

- **Product:** NAWIPS
- **Release Number:** 6.1.1
- **Release Date:** 20 July 2010

Introduction

This document contains the release notes for NAWIPS version 6.1.1. The following sections describe the release in detail and provide late-breaking or other information that supplements the main documentation.

This is a minor release with bug fixes, table updates and one main modification, which are outlined below.

What's New

1. Changed the Cyclone Tracker plotting routine. The routine reads an ASCII file of storm tracks and the format of this file was modified with the latest update to the CCS production job. This change allows the routine to read the old and new formats.
2. Removed the explicit trailing underscore in the function name in the file ggrtrk.c. Added the optional trailing underscore in the header file uscore.h for the function name.
3. Added a check to the function GR_VNAV to verify that the angles to be checked are used for the given navigation.
4. Maps and Tables
   a. Added Canadian station – Mount Forest, ON (CWLS) - to the surface station table.
   b. Updated the permanent cluster table for watch generation to change the marine zones associated with Calvert County, MD. The information was provided by the SPC.
   c. Updated the imagery table to add MTSAT2 and modify MTS to be MTSAT1.
   d. Updated the radiosonde table to be consistent with the CCS version of the table.

List of Modified Tables

- $GEMTBL/stns/sfstns.tbl
- $GEMTBL/stns/permclust.tbl
- $GEMTBL/sat/imgtyp.tbl
- $GEMTBL/stns/snstns_land.tbl

Installation Notes

Download Site

The distribution may be found at http://www.nco.ncep.noaa.gov/sib/nawips. This Release Notes document is also available at this web site. The link to the download page is located at the bottom of the page. A user id and password are required to access the download area. This will be provided to site administrators via a phone call.

Installation

After getting the necessary compressed tar file from the distribution page, unpack the tar file in your NAWIPS user directory. Please note that the "dot files" have been moved to subdirectories. The sample .cshrc and .profile files are in the sample_files/ subdirectory and show the proper use and locations for these files. Update all users' .cshrc or .profile as needed.

Build the entire system as follows:

- cd $GEMPAK/build
- external_libs_compile >&! EXTERNAL_BUILD_$NA_OS
- cd $NAWIPS
- make all >&! MAKE_ALL_$NA_OS
- make link >&! MAKE_LINK_$NA_OS

Repeat this process for each operating system.

System Requirements

The software has been built and tested on the following operating systems:

- Red Hat Enterprise Linux 4 (32 bit)
- Red Hat Enterprise Linux 4 (64 bit)
- Red Hat Enterprise Linux 5 (32 bit)