

Weather Message

Release Notes V4.2

Version 4.2 released 10/29/2016

All Programs

1. All programs the TCP/IP components were updated to the latest versions.

WxMesgSetup

1. Updated the States.dat to include an entry for United States.
2. Updated the County_F.dat to include an entry for United States. This will allow support for FIPS code "000000", which represents the entire United States.
3. Added new SAME product identifiers: DMO, EAN, NIC, NMN, NPT,RMT, and RWT.
4. Add short message variables for H-VTEC crest date. \$CrestDay\$, \$CrestDayAbr\$, \$CrestDayNbr\$, \$HvCrestMonthName\$, \$HvCrestMonthNameAbr\$, \$HvCrestMonthNbr\$, \$HvCrestYear\$.
5. Added short message variables for ZFP \$Period1\$, \$Period2\$, \$Period3\$

WxMesgServer

1. Corrected an argument out of range exception when decoding malformed SVS messages.
2. Added a http listener to listen for cap messages and save those to the rxfiles directory.
3. Implemented a new product decoder. This decoder includes support for CAP 1.1 and 1.2 messages.

4. Changed to log data loss alert time.
5. Corrected the \$IssueTimeZ\$ and \$ExpireTimeZ\$ subject variables to show 24 hour time properly
6. The short message description for a message containing Flood Emergency will change to Flash Flood Warning/Flood Emergency.
7. Addressed issue with the Selected No Head option where we cannot find the end of the header. If it cannot be found, we use the entire message.
8. Implemented changes to prevent RCM messages from crashing the Message and Map clients.

WxMcli

1. The read text option now works better. It no longer pauses between lines.
2. Changes to wake up the monitor on newer operating systems

WxMap

1. Updated the mapping component to the latest version.
2. The read text option now works better. It no longer pauses between lines.
3. Updated the mapping component.
4. No longer alters severe thunderstorm in the web legend to remove "severe".
5. 2. Changes to wake up the monitor on newer operating systems
6. The zoom to county option now works properly.

WxEmwin

1. Added logging for data loss alerts
2. Internet error rate changed from 40 to 20 percent
3. Changed the buffer to 15 packets

4. Changed the internet ingest decode routine to match the tcp/ip routines. It appears that the 240 server problem was fixed by NWS.

WxPort

1. Added 1208 Experimental, 1209 Goes West and 1210 Goes East ports.

WxIpaws

1. Will automatically process FIPS code "000" when other counties are selected. FIPS code "000" is for the entire United States.