

Weather Message

Release Notes V3.9

Version 3.9 released 8/26/2012

All Programs

1. All programs updated the TCP/IP components to the latest versions.
2. The maximize and minimize buttons now remember the previous size when the programs are stopped and restarted.

Weather Message Server

1. Now converts all of the internal UTC dates to the requested time zone in the Email and Paging groups. The program previously used an internally calculated offset.
2. Optimized the array routines for a performance boost.
3. Revised the error handling routines for a performance boost.
4. Addressed an issue with messages that do not have the proper line terminator.
5. \$Location\$ variable is now changed from all uppercase to proper case.
6. \$AreasAffected\$ variable is now populated.
7. \$AreasAffected\$ variable is now changed from all uppercase to proper case.
8. The States.dat file now contains the state's FIPS prefix.
9. Corrected an issue that caused the program to incorrectly match Time...Mot line when it was not a time and motion data line.
10. Added additional code to trap decode errors and delete the offending file.
11. Now populates the \$HvSeverity\$ variable.
12. The \$AreasAffected\$ variable now works properly.
13. Corrected a decode error in the Time and Motion line for products issued by OUN.
14. The short message variable \$Location\$ will now include text from products that contain a line that starts with an "*" and ends with "IMPACT...".

Weather Message Setup

1. Updated the County_Z.dat file with the latest zones.
2. Updated the County_FZ_Z.dat file with the latest fire zones.
3. Updated the FipsZone.dat file with the latest cross reference.
4. The UserDef1 variable's stop sequence, when populated, will capture the line that contains the stop sequence.
5. The \$HeadLine\$ variable will now require that the proceeding line be blank. This will address false matches that occur in the middle of a message.
6. Removed the Send Using Bcc option and replaced it with Send Using. The Send using options are "To", "Bcc" and "Individual". The "To" option will send emails with all of the email addresses in the To field. The "Bcc" option will send emails with all of the email addresses in the From field. The "Individual" option will send email using the To field with one email generated per recipient.

The "Individual" option can help with spam scores. This option works well when you

have a local smtp server or a high speed internet connection. Because this option generates on email per recipient, it is not recommended if you have a large number of email addresses.

7. Updated the Nwsli.dat file with the April 2011 entries.
8. The Email and Paging group setup windows will no longer lock out the time zone field when the local computer is set to Universal Coordinated Time.
9. The Email Options window now has an option to set the number of background threads used to send emails.
10. The Paging Services setup now supports the service XMPP (Jabber). The system can send messages to individuals or chat groups.
11. Changing an Email, Fax or Pager group name will now update the alarms.
12. The alarm setup window can now be resized. In order to provide this capability, the paging and fax groups were moved to another tab.
13. Corrected a "version not found" exception when changing the name of an email group after using the copy and paste option.
14. The Page Group setup now has an option to list Facebook pages. When the service provider is Facebook, a button with a question mark appears to the right of the service provider. Clicking this button will display the pages managed by the user.
15. Added short message variables \$Hazard\$, \$Source\$, and \$Impact\$. These are populated by TOR and SVR products issued by select WFOs in the central region.
16. Added an option to start the WxCap ingest engine.
17. The Options' Protocols tab now has a field to enter a short url address. This option will be used by Weather Message to insert short urls for tweets and facebook posts.
18. Added the short message variable \$ShortUrl\$. This variable will be populated with a web address to view the entire message. This does require the Weather Message WxUrlFeed web application.
19. The short message variable \$AreasAffected\$ and \$Location\$ will produce the same information.

WxPost

1. Removed the "X-MSMail-Priority: High" email header. This was causing messages to be flagged as spam since the message did not contain other outlook email headers.
2. Added the "Priority: Urgent" and "Importance: High" header when the priority option is checked.
3. Added multi-threading support to the email subsystem.
4. Added support for XMPP (Jabber).
5. No longer strips out the crlf characters for facebook.

WxEMWIN

1. Corrected a "locale" issue when running the program in New Zealand.
2. Now requests a password when the setup option is clicked and a password has been setup for Weather Message.
3. The internet ingest routines will now validate the received servers list. If an invalid or malformed server ip address is found, it will be removed.
4. Changed the software demodulator routine to observe a one minute keep-alive time.

5. Added the ability to ingest from a second TCP/IP Receiver.
6. Added support for the Zephyrus WX-14 receiver. The setup screens allow you to define the type of receiver. When the receiver type is set to WX-14, the software will process the WX-14 native data stream. This allows the software to display status information provided by the receiver. If you want to ingest from the USB port, you will have to select the com port assigned to the USB port connected to the receiver.
7. The Com Port boxes will now be populated with the ports that are installed on the computer.

WxPort

1. Now requests a password when the setup option is clicked and a password has been setup for Weather Message.

WxWw2000

1. Now requests a password when the setup option is clicked and a password has been setup for Weather Message.

WxMcli

1. The Product Colors grid will now allow you to delete an entry with the delete key.
2. The Quick List setup tab now uses grids.
3. The Quick List now supports assigning a function key to the item.
4. The Quick List now supports showing a toolbar button for selected items. The description of the toolbar button can be defined.
5. The Main window will now show buttons under the menu if quick list buttons are enabled.
6. The F12 function key is now associated with the Silence menu option.
7. The Settings 2 tab has fields to change the font and font size for the text appearing in the main viewer and request text boxes.
8. The Quick List setup tab now has a column to set the quick button order.
9. The Request Product window now displays the quick buttons.
10. The Quick List menu now requests products properly.
11. The Quick List and Quick Buttons now support requesting a specific zone or county for a product. To request a specific zone or county, append an exclamation point (!) and the zone number after the product identifier. For example, to request only Tallapoosa County from the current zone forecast product, use: ZFPBMX!ALZ037.
12. The Silence button has been moved to the status bar. (This button only appears when the program is playing a wave file.)
13. The F10 function key is now associated with the Silence menu option. It was previously F12, but was changed so that the same function key could be used across all programs.
14. Updated the main window to now display a product list.
15. Added an option to the Settings 1 tab to enable or disable the main product list.
16. The original Product List menu option has been moved under the Window menu. It is not labeled Floating Product List.
17. The Request menu options, Request Product and Request List, are now under the Window menu.

18. Updated the main window to have a tab for requesting products.
19. The Quick List Category names will now change when a user changes the name.
The program was not saving the change.
20. The window that accepts the exit password will now accept a password of any length.
21. Added an option in the Settings 2 tab to select the font and font size for the product list.
22. Clicking on graphic will now cause the image viewer to appear if it is behind another window.
23. The Request List window will now send the product clicked to the main window if the Request tab is selected. Otherwise, it will open the Request Product window.
24. The Request List window will now remain in the foreground when a product is clicked.
25. The Quick List Category and Item grids now allow you to right click and select Delete to delete an entry.
26. The Quick List Buttons can now be colored for user preference.
27. Changing the main viewer font, in setup, will now update the Request Tab's font immediately.
28. Corrected an object reference error when clicking on a product in the main product list.
29. The quick button "!" (select county) now works. A change in the previous beta disabled this item.
30. The Quick Buttons will now open the request tab in the main screen.
31. Addressed an error that occurred when the TCP/IP subsystem was not initialized when the software started.

WxImage

1. The Image Save option now works properly.

WxMap

1. Updated the UsZones.shp file. Users will need to download updated map layers from the Weather Message website.
2. The TOE product identifier is now correctly identified in the product color setup.
3. Added a Settings 2 Tab. This tab has fields to change the font and font size for the text appearing in the text viewer.
4. The F10 function key is now associated with the Silence menu option.
5. Change the defaults to use polygon outline with the dot pattern.
6. Clicking the ESC key will change the map to select mode.
7. Changing map layer properties in setup will cause them to be updated immediately.
8. Added a toolbar for interaction with the map.
9. Setting the font in the Edit Landmark window will no longer reset the font color to black.
10. The Dock Map option works correctly now with the new toolbar.

WxRadar

1. Now requests a password when the setup option is clicked and a password has been setup for Weather Message.

WxMesgText

1. Corrected an issue with sending multiple messages by tcp/ip connection.
2. The file name displayed at the bottom of the window will no long show the path.

WxLoader

1. Corrected an issue that caused line feeds to be dropped in the default message.
2. The "Expire After" option will now take 5 digits.

WxPurge

1. Corrected an issue with it loading the wrong log file size when called from a 32 bit application.