

# Weather Message

Release Notes V3.4

---

Version 3.4 released 12-27-2008

## All Programs

1. Now supports 64 bit Windows operating systems.
2. Installers now attempt to load Microsoft.net framework 3.5.

## Weather Message Server

1. Removed the X button from the exit password form.
2. The \$Bullet\$ variable now works properly.
3. When the map client requests a refresh, the program returns the files in the order that they were received.
4. Will now decode the SWOMCD points for plotting in WxMap.
5. Replaced the unmanaged unzip code with managed code.
6. The SAW product can now be alarmed to the map and the areal outline plotted.
7. When running in service mode, the server will no longer ask for a password to shutdown the program. The user could not see the password box because the server was running in the background. The request for password ultimately caused the windows service subsystem to kill the server.

## Weather Message Setup

1. The Email, Fax, Page and Page Services options now validate a new group or service name to make sure it is not a duplicate.
2. The Email, Fax, Page and Page Services options now validate group name changes to make sure the new group name is not a duplicate.
3. Now uses the XP styled print dialog.
4. Added support for the new VTEC phenomena Marine Dense Fog (MF), Marine Ashfall (MH), and Marine Dense Smoke (MS).
5. Added the ability to override the subject line for emails and faxes.
6. Added the subject variable \$WFO\$. The variable can be used in the overridden subject line to include the 3 character WFO identifier.

7. Added some new fields to the xml files for interfacing with the User Manager.
8. Corrected an issue that could cause the special prefixes WRP and WRQ to not be classified as FIPS products when they contain FIPS products.
9. Added two additional special prefix codes WRR and WRS.
10. Increased the number of alarm types from 20 to 40.
11. Updated the County\_Z file with the latest zone information.
12. Added VTEC phenomena EW – Extreme Wind.

## **WxByte**

1. The software demodulator setup option will now save the setting.
2. Removed the X button from the exit password form.
3. Changes to address a date conversion error when a tracking file is corrupted.
4. Replaced the unmanaged unzip code with managed code.
5. Added a command line option to allow the program to run multiple instances.
6. Added a global ingest path option so that the ingest paths can be set independently.

## **WxIngest**

1. Removed the X button from the exit password form.
2. Changes to address a date conversion error when a tracking file is corrupted.
3. Replaced the unmanaged unzip code with managed code.
4. Added a global ingest path option so that the ingest paths can be set independently.

## **WxWW2000**

1. Removed the X button from the exit password form.

## **WxPort**

1. Changed the shutdown routines to catch an error condition that occurs when no lan connection is available.
2. Changes in the error handling routine to address issues with multiple threads.
3. Removed the X button from the exit password form.

4. Replaced the unmanaged zlib code with managed code.

## **WxMap**

1. Corrected an object not set error when refreshing the map with no zone map loaded.
2. Adding a non-vtec product to the map legend will now display the product identifier in the legend (the description is not presently available).
3. Hovering the mouse over a county that has an alarm for a non-vtec item will now display the product description instead of the awips identifier.
4. Removed the X button from the exit password form.
5. The legend will now display the description of a non-vtec item.
6. The product colors setup tab will now attempt to load the description of non-vtec items.
7. Installed the latest map component.
8. Now uses the XP styled print dialog.
9. Removed the requirement for MsMapi.ocx and two interop dlls.
10. Added the ability to use Text to Speech for the startup wave file and alarms.
11. Changes to correct an issue with event tracking numbers from different forecast office canceling products from other offices.
12. The text viewing window now has the ability to read the text using the text to speech component.
13. Added a new wave option to read the received text message.
14. Increased the number of alarm types from 20 to 40.
15. Updated the map files to the October 2008 version. (They will be released with 3.4 as a separate download.)
16. The Setup Settings tab now has an option to show the program in the task bar instead of the system tray.

## **WxMcli**

1. The request product screen now validates the product code entered for valid characters.
2. Removed the X button from the exit password form.

3. Now uses the XP styled print dialog.
4. Clicking on a product in the request list window will now set the focus to the request window text box. This makes this function like clicking on a product in the product list window.
5. Removed the requirement for MsMapi.ocx and two interop dlls.
6. Added the ability to use Text to Speech for the startup wave file and alarms.
7. The request product screen now has the ability to read the text using the text to speech component.
8. Added a new wave option to read the received text message.
9. Increased the number of alarm types from 20 to 40.
10. The Setup Settings tab now has an option to show the program in the task bar instead of the system tray.

## **WxLoader**

1. Changes to allow for independent awips and vtec identifiers.
2. Added an AWIPS and VTEC product tab. This corrects an issue where a vtec code matches an awips code. Users will need to double check their task settings after this update.
3. Added a Counties tab. This tab allows a user to enter county codes to match in messages. Most users will not use this capability, unless they want to put different counties in different tasks from the same message.
4. Changes to correct an issue with event tracking numbers from different forecast office canceling products from other offices.

## **WxRadar**

1. Removed the X button from the exit password form.

## **WxFtp**

1. Changed the routine that receives ftp files to overwrite any existing file. This corrects an IO.Exception reported by one user.

## **WxUtils**

1. Optimized the ini, registry and xml configuration file access routines.

## **WxControl**

1. If the software evaluation period has expired, this application will now display an

expiration message. If the software was running as a service, there was no easy way to know that the evaluation period had expired.

## **WxPurge**

1. Changes to allow the archive process to lock the operation so that other programs do not conflict with the archiving action.

## **WxWire**

1. Corrected a null reference error.
2. If the com port cannot be opened, the program will now enable the settings so it can be changed.