

Weather Message

Release Notes V3.1

Version 3.1 released 6-16-2007

All Programs

1. Includes the latest tcp/ip components.

Weather Message Server

1. Removed some unnecessary code in the short message creation routine.
2. Changed the \$Now\$ variable to make it more reliable.
3. Corrected a problem with requests from clients with identifiers other than 1.
4. Corrected an index out of bounds error in the short message routine. This error occurred when alarming a message with no UGC lines.

5. Added a registry option to increase the size of the debug files.

HKEY_Local_Machine\Software\Weather Message

Net\WxMesg\Shared\DebugLogSize

6. Added some additional error checking in the tcp/ip routines.
7. Changes to the short message routine to catch an error associated with the \$Lines:x,y\$ variable.
8. Corrected an index out of bounds problem when the alarm file contains zero alarms.
9. If the alarm file has been corrupted, the program will now attempt to process the valid entries.
10. Corrected a null reference error when a group does not have any addresses or pins.
11. Installed the code to decode the latitude longitude couplets from the received message. This data will be used in a future version of WxMap.
12. Corrected a problem with an object reference not set in the timed ftp ingest routine.

Weather Message Setup

1. An error message is displayed if you try to delete an email group that is being used for Data Alerts.
2. An error message is displayed if you try to delete a pager group that is being used for Data Alerts.

3. The HTML window will now allow you to use the Enter key inside the html box.
4. Added an Append option to the Archive Action.
5. Added two archive variables: \$YYYY\$ four digit year and \$UTCHOUR\$ for the current UTC hour.
6. The Email, Fax and Paging groups will now be saved using the last sort order.
7. Added the archive variable \$UTCDD\$ for the current utc two digit day.
8. The Page Services setup will now allow you to enter the number of times to retry when a failure occurs. You can also specify the number of minutes between retries. Note: These fields are for future use and are not implemented for all page service types at this time. Look for future implementation notices.
9. The Retry option has been removed from the Page Options setup window. This previously specified the number of retries for the TAP protocol. The software will now use the number of failure retries specified in the Page Services setup.
10. The Product identifier field is now restricted to eight characters.
11. The Paging Services setup window will not verify that the address entered does not contain the prefix 'http://'.
12. Added new AQA, "Air Quality Message", product.
13. Renamed the PWD prefix to PWS.
14. Added the ability to test the email server settings. Click the Test Server button on the email options window.
15. Added the archive variable \$UTCMM\$ for the current utc two digit month.
16. Added the archive variable \$UTCYYYY\$ for the current utc four digit year.
17. Added the ability to test alarms. Select an alarm from the grid, then right click and click Test Alarm. You must save your alarms before testing.
18. Added an Auto Startup option in Setup.

WxByte

1. Corrected an arithmetic overflow when switching between servers.
2. Changed the open retry interval to 3 seconds for the log files.
3. Revised the program to communicate using the beta EMWIN Version 2 Protocol. This revision only works with servers that have the revised code. The revision allows for variable length compressed blocks and will save on bandwidth.

WxIngest

1. Changed the open retry interval to 3 seconds for the log files.

WxPort

1. Changed the open retry interval to 3 seconds for the log files.

WxWW2000

1. Changed the open retry interval to 3 seconds for the log files.

WxMap

1. Corrected transparency spelling in setup.
2. All the legend colors and product definitions have been moved to the ProductColor section in the WxMap.ini file.
3. The Other Colors setup now has an option to indicate whether you want the item displayed in the map legend.
4. The Map menu now has an option to label all counties. The program will attempt to fit the county name inside the county boundary. If this is not possible, the county name is not displayed. Zooming in and out will effect whether the county name is displayed. (This is a test option for the moment.)
5. Changed the way the program processes the received products. This should increase the responsiveness of the map, especially during initial load.
6. The Settings tab now has an option to set the issue / expiring county outline line width.
7. The Map Base tab now has an option to set the county name label smart size. The smart size field is used to determine the minimum size of the county before the county name label is displayed. This works with the Label County option.
8. When clicking on a county, the text window now contains the county name.
9. Added a Dock Map option under the Map menu. The option, when checked, will cause the map to take up the entire window.
10. Corrected a problem so that the program will start minimized, if it was shutdown minimized.
11. When the program is first started and connects to a version 3 server, it will not pop-up the map during the initial map refresh. This allows the map to start minimized regardless of the pop-up settings.
12. Added an Auto Startup option in Setup.

WxMcli

1. The tool tips in the product list now work.
2. Added an Auto Startup option in Setup.

WxLoader

1. When the program receives a cancellation message, it will only cancel the counties associated with the received product.
2. Added an Auto Startup option in Setup.

WxMesgText

1. In simple mode, the program remembers the last product information when the program is restarted.
2. The Product drop-down list no longer closes when the first letter of the product is selected.
3. Added Agency Name to the setup screen. The name entered here will be used in simple messages.
6. If the AWIPS identifier is 6 characters, the program will attempt to create a 8 character file name by adding the first state abbreviation entered on the setup window.
7. Added an Auto Startup option in Setup.

WxRadar

1. Changed the NWS server used to retrieve the radar images.

WxScheduler

1. Added support for user defined scripts.
2. The current and UTC date and time have been moved to a status bar on the main window.
3. Corrected an error when you right clicked a task and selected edit.
4. Added an Auto Startup option in Setup.

WxFtp

1. Corrected a problem that caused html code to be ignored. The 3.0 install was refreshed with this one change.

2. Corrected a problem with the overwrite option changing the directory path.
4. Changes to correct problems identified with communicating with the ProFTPD ftp server.
5. Added the ability to support appending data to existing files for local and ftp protocols.
6. Added retry mechanism when errors occur while writing to local archives.

WxPost

1. Implemented retry support for SNPP, HTTP Get, HTTP Post, and WCTP protocols.
2. Changed the http routines to strip out any extra trailing spaces in the post data.