Weather Message

Release Notes V3.3

Version 3.3 released 5-18-2008

All Programs

1. Includes the latest tcp/ip components.

2. All programs upgraded to VS2008. This adds user account control settings for Windows Vista. Vista users will need to test their installations carefully.

Weather Message Server

1. The files stored in the WxText and WxGraph directories will now use UTC time instead of local time.

2. Changes to the write log routine to address an issue with displaying an error that occurs in this routine.

3. The status screen will now remember the column widths.

4. Correct a null reference exception when a blank short message was generated for the processing by the paging subsystem.

5. Changes to process files with the extension "bin" in the graphic routines. It will not be handled the same as graphic files, but this will protect the contents from being changed in the text processing routines.

6. Changed the routine that sends images to the message client so that it can support image files up to 22 megabytes. This change will require that the message clients be updated in order to continue to receive graphic products.

7. Changed "Extended in Time" to "Changed in Time".

8. Changed "Extended in Area" to "Changed in Area".

9. Changed "Extended in Time and Area" to "Changed in Time and Area".

Weather Message Setup

1. Corrected the abbreviation for Nebraska in the WfoSites.dat file.

2. Added two additional archive variables; $ExpireUTC$ and $IssuedUTC$. These variables are the same as $Expire$ and $Issued$, except they are UTC times.

3. Updated the NWSLI.dat with the latest hydro data.

4. Changed the TCV product to a zone based product. If you use this product, you

should check your setup. It changed from a C type product to Z type product in 2007.

5. All passwords are not obfuscated in the configuration files.

6. Added the ability to select multiple states.

7. Corrected an issue that would not allow users to select multiple "Any County".

8. The marine zones now have a "Any Zone" option.

9. Changes to enable the hour glass when loading all windows and saving data.

10. No longer allows the Auto Startup option to be enabled when the program has been installed as a service.

11. Changed the special prefix validation logic to reset the prefix combo box when an error occurs.

12. Added a Product tab to the Support Setup, Options window. This tab will allow users to specify product expiration validation criteria. You now have the option to specify the maximum expiration time for a product in hours. There is also an option to specific the expiration time in minutes for a product that contains a defective UGC line. The default values were used by the program previously and could not be modified.

13. Updated the zone counties with the latest marine zones.

14. The Email Options screen now validates the backup smtp port.

15. The Page Option screen now loads the connect mode check box properly.

16. Add the ability to specify regular expressions for the match and exclude phrase. To enable this option, check the RegEx box to the right of the match and exclude boxes. Only use regular expressions when necessary. They are not as fast as the default matching mechanism.

17. The alarm, email, paging and fax windows now remember their size.

18. The alarm editing screen's alarm number now matches the alarm number displayed in the main window.

WxByte

1. Changes to address an Uncompress Failure observed by a user.

2. Removed the decrypt option and replaced it with Using Software Demodulator.

3. Corrected an issue with the Using Software Demodulator option. The option was reversed internally.

4. The Time Out setting can now be set to zero to disable the time out option.

WxIngest

WxWW2000

1. The password setup field is now masked.

2. Changes to valid the file name. This corrects an exception that was raised went a bad message was processed. The program will now substitute the name "BadName.txt".

WxPort

1. Changes to address an issue with invalid file names.

2. Added a Save Packet option to the menu for debugging.

3. Revised the processing routine to handle message that do not have a communication control block.

4. Added the ability to ingest all four NoaaPort channels.

5. Add new options for binary files. You can now save them with a "txt" or "bin" extension in addition to dropping them altogether.

6. Corrected an issue with stopping and restarting a channel.

7. Added filter options for each channel. The filter can be any valid regular expression.

8. Added the ability to save GOES images as BMP, JPG, PNG and TIFF files.

9. The Setup window now has the option "Name by AWIPS". When this option is checked, the program will name the received files using the AWIPS identifier in the message, followed by the state of the issuing station. When the option is unchecked, the files are named after the first 3 characters of the AWIPS identifier followed by the originating station's 3 character identifier, followed by the state abbreviation.

10. Corrected an issue that caused the error window to freeze.

WxMap

1. Changed the processing routine to better handle non-vtec products. The previous operation would allow a new product to overwrite an existing product.

2. Corrected an issue that caused polygons to disappear when a product was cancelled for one county and continued for others in the same product.

3. The refresh map option will now reset the zone layer before refreshing the map.

4. Changed the Save Map Image option to read "Save Map Image when it changes".

5. Corrected an issue with polygons painting for vtec coded EXP products.

6. Changed the cursor style that is used when the program is internally updating the map.

7. Corrected a problem with un-checking the Show In Legend option for product colors. Un-checking a product between other products that were checked caused the internal index to get off by 1.

WxMcli

1. The Request Product window has a new menu option to save the text to a file.

WxImage

1. Corrected a filter error when clicking on Save Image.

WxLoader

1. Added a new task tab titled Destination. This tab contains the destination file name that previously appeared on the task tab.

2. Added Expire Date Style to the Task tab. You can now select between Time, Time/Day and Time/Day Next. The Time option is the default and works as it has in the past. The Time/Day option adds the day of week following the expiration time. The Time/Day Next option adds the day of week following the expiration time when the current day and expiration day are different.

3. Added Issue Date Style to the Task tab. This option can be used to add the issue time or issue time and day to a message that is not currently in effect.

4. Added Delete Inactive to the Task tab. This option, when checked, will delete the destination file when there is no text to send.

5. Added a new message style, Short by State. This style will add the state name before the list of counties for that state.

6. Corrected a problem that caused the issue day and time not to appear after the initial message was received. This correction also causes the issue date and time to appear properly in the Alarm grid.

7. Eliminated the word "county" or "counties" when Short by State is selected.

8. Changed the processing routine to better handle non-vtec products. The previous operation would allow a new product to overwrite an existing product.

WxRadar

1. Added an option to send the radar images directly to the client viewer's directory.

The images will not appear in the product list. This option can be used on a end user's computer in instances where the server is not processing the radar images and the user wants the ability to animate the radar images. The image viewer's browse option can be used to see and select the image for animation.

WxPost

1. Corrected a problem that caused the zero size parameter for a paging group to be ignored.

2. Corrected a directory access error when sending with PageGate.

3. Corrected an issue in the Http Post routine that prevented the $Group$ variable from being populated.

WxControl

1. Added a menu option to start a FTP ingest.

2. Enabled the view connections option.

3. The status screen will now remember the column widths.

WxPurge

1. Now makes an entry in the logfile for each purge operation.

2. Changed each program that uses WxPurge to reset the logfile name used by WxPurge to record entries. This will allow WxPurge to update the appropriate logfile with purge entries.

WxSched

1. The password setup field is now masked.

2. Changed the program to honor the Xth day of week in a month. Specifying both the Week of Month and Day of Week will now instruct the program to check for the Xth Day of Week in a month.