

# WeatherProducer EXP 4.3

# WeatherProducer 3.3

**WARNING:** Do not install this software yourself! Contact WSI Customer Support Services to arrange a time to upgrade.

## Overview

WeatherProducer™ EXP (Dell platform) and WeatherProducer™ (SGI platform) are WSI's state-of-the-art multi-media weather system for the broadcast media market.

For information concerning this product that is beyond the scope of these release notes refer to WSI's **online documentation** and **tutorials**:

- From the top menu bar of your application select *Help* -> *Online documentation*
- Browse the WSI Media Client website at <http://www.wsi.com/docs/customer/> (login: wsic, password: needinfo)

## What's new

- ◆ **File Transfer Channel (FTC)** – The File Transfer Channel feature allows WSI personnel to send files to clients via satellite. These files can be updates, fixes, or entire software packages. The transmission is fast, reliable, and secure. The client is notified prior to a transmission and their system is checked for sufficient disk space. All transmissions are monitored and verified and all activity will be logged. This feature can be turned off if desired by resetting the associated environment variables.
- ◆ **Model data changes** – WSI has added more gridded NCEP model data to the live HCSN feed. The 20 km Meso Eta data has been expanded to include all four runs (00z, 06z, 12z, 18z) through 84hrs (0-48 hrs in 3 hr timesteps, 54-84hrs in 6 hr timesteps). Parameters include surface T,U,V,RH, 3 hr Precip (0-48 hrs), 6 hr Precip (54-84 hrs), as well as SLP, Total Cloud Cover and 500mb Absolute Vorticity. The GFS (AVNYZ) data has been extended to 384 hours for all four model runs (0-180 hrs in 6 hr time steps, 192-384 hrs in 12 hr timesteps). Please note also that references to AVN have been switched to GFS to reflect NCEP's new naming convention (it is the same model).
- ◆ **Product / snapshot names** – The software has been modified such that products and/or snapshots can no longer have a "/" in their name. This is to support a future feature where multiple libraries of products can be supported. Existing products with a "/" in their name will continue to function.

## Improvements

### ◆ Configuration changes –

- The 3 hour International IR Full Spectrum Image of Whole Disk Asia is now under 1 hour International IR
- The 1 hour international IR Full spectrum Mexico is now under 30 Minute IR Full spectrum images
- 30 minute water vapor is actually an hourly product so it is now under hourly water vapor
- Ingesting and decoding of the NOWcast XML bulletin is now supported

### ◆ Feedback during backup – The wsi-backup.sh script now has verbose logging:

- If the script is executed from the System menu, the log file will update onscreen while the backup is in progress.
- If the script is executed from the command line, all backup activity will be logged to the file `/var/log/WXWSLOG`.

In both cases, the USB drive activity light and/or the Dell hard drive activity light will be secondary indicators of activity.

### ◆ Plot hurricane names – There are new annotation options for storm name display and direction of movement.

### ◆ Grid merging – The user interfaces for both the wind and numeric grid from aggregate were modified to allow a background grid to be specified. A toggle button was added to support both the old behavior "Interpolate Grid from Aggregate" and the new grid-merging behavior "Merge Aggregate into Source Grid". The Grid Source subfactory is only used in the latter case. The Options menu for both wind and numeric grid from aggregate now includes selections for both Sharpening and Clamping.

### ◆ Weather observation probability represented – Probability values for weather observations are now included in METAR and SM reports.

### ◆ Folder content indicator – The number of objects contained in a folder is now displayed as part of the folder icon.

### ◆ Responsiveness during Show play – *Dell platform only*. Hot button and quit buttons more responsive when activated during show play.

### ◆ Looping pause behavior – When the "Delay before Transition" is set to loop last x frames and the Advance button is pressed:

- ***Dell platform only***. ... the looping pause ends immediately and the show proceeds to the next element.
- ***SGI platform only***. ... the looping pause will not end until the last frame of the loop is played, then the show proceeds to the next element.

### ◆ Fine Tune defaults – The default settings in the show Fine Tune window have changed and will apply to any *new* movie added to a show.

- The default Hold Time has been reduced from 2 seconds to 1 second.
- The default looping value has been changed from "Loop Until Button" to "Once" with a button pause before transition.

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## Limitations

- ◆ **Function key shortcuts** – For installations which include a Raritan KVM, certain function key shortcuts do not work only when the Numlock and Scroll Lock keys are off.

## Customer support

WSI's Customer Support Services provides software and hardware support 24 hours a day, 7 days a week for customers who have purchased a support plan. To talk to a customer service representative call 978.983.6350 and select "1" at the prompt. Send a fax by calling 978.983.6402.

The standard support plan includes free phone support Monday through Friday from 6 a.m. - 2 a.m. ET (excluding WSI-recognized holidays). Standard support outside these hours is limited to critical situations with a guaranteed half hour response time from on-call personnel. All other calls are billable. Support calls from clients without a support plan are contracted on a per call basis. For more information concerning support services contact your sales representative or the customer service manager.

**WSI Customer Support Services email:** [customersupport@wsi.com](mailto:customersupport@wsi.com).

Contacting WSI Customer Support Services by email is the preferred method of contact since it allows this group to effectively manage and track customer issues.



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