Trac

DR Report for July 1 Delivery (73 matches)

Id	Relatedttrs	Summary	Type	Component	Milestone	Priority	State

Description

Testprocedures

| #726 | | Plotting Synoptic Data Does Not Display Clouds | task | D2D | TO11-Slice4 | 3 - major | Resolved |

When displaying plot data from synoptic observations, clouds are not displayed.

1) Select the moving maritime plots from the menu. 2) Verify that clouds are displayed.

| #833 | 77, 477 | When editing the Skew-T, clicking and holding on one point, then releasing the button moves the selected point; random points uneditable | defect | Skew-T | TO11-Slice5 | 3 - major | Resolved |

After making an edit to the Skew-T curve, if the user clicks and holds on another point without moving it...then releases the mouse button, the point will move to the last edited point's temperature.

Load a Skew-T in edit mode. Change one point on the temperature curve. On another level, click and hold the left mouse button on a point, but don't move the point. Release the mouse button. Verify the point remains in the vicinity of the cursor, not jumping to the temperature of the last edited point.

| #944 | Create Temporal Editor Statistics Dialog | task | GFE | TO11-Slice5 | 3 - major | Resolved |

Create the Temporal editor statistics dialog as described and operated from the GFE system.

Run ac006.html and te001.html through te010.html. All tests should pass.

| #1242 | CAVE GFE should start with projection information in serverConfig.py | defect GFE | | TO11-Slice5 | 3 - major | Resolved |

Currently our implementation of GFE leaves the editor in the default projection (either the default bundle or whatever the user last used in D2D). For the most consistency when editing grids, the screen should be in the same projection as the underlying grid, specified in serverConfig.py

Switch to the D2D perspective. Change the Scale to Northern Hemisphere Switch to the GFE perspective Verify the projection is now in the local GFE perspective (Lambert Conformal for OAX) rather than the previous NH Polar Stereo

| #1260 444, 445 | Locked grids are not visible on other workstations | defect GFE | | TO11-Slice5 | 3 - major | Resolved |

Locked grids created from other workstations should become visible, but uneditable, when the locked grids are selected for viewing in the Spatial Editor.

Load the GFE perspective on two workstations. On workstation one, create or load grids into the Grid Manager. Verify green locks appear in the Grid Manager. On workstation two, verify red locks appear in the Grid Manager. Attempt to edit the grid. Verify the grid cannot be edited. Save the grid on workstation one. Verify the grid appears in the Spatial Editor on both workstations.

#1302	460	Only 'NoWx' or the type of weather should display in the SE when sample points are displayed	defect	GFE	TO11-Slice5	4 - minor	Resolved

Currently a string of weather variables are displayed on a sample point...even when no weather image is displayed for the grid.

With a weather (Wx) grid displayed, add a sample to the grid. Verify only the weather type or 'NoWx' displays with the sample.

#1306	The grid blocks are not labeled or are labeled incorrectly	defect	GFE	TO11-Slice5	3 - major	Resolved

When a model run is used to populate the Grid Manager, each grid should be labeled with, for example, an 'R' for the RUC model, a 'G' for the GFS model, or an 'N' for the NAM model. This is not currently appearing in the Grid Manager. Also, the Snow Amount and QPF grids are populated with an 'S' which is designated for scratch grids. Additional issues were found. With the smallest grid block width displayed in the Grid Manager, modified grids do not display an 'M' on the grid block. It's not visible until the grid blocks are expanded. Only the selected or displayed weather element have their grid blocks labeled (for narrow, 1hr grid blocks). The other grid blocks remain unlabeled. After populating the Grid Manager with model data and saving the grids, modifying the grid results in an 'M' label. Reverting the forecast changes the 'M' to a 'P' rather than the model label.

Populate the Grid Manager with the RUC model. Verify an 'R' is labeled on the grid in the Grid Manager. Repeat for the NAM model ('N'). Repeat for the GFS model ('G'). Note that the resolution of the grid is displayed also (i.e. NAM12 will display N12). Save the forecast grids. Verify the model label remains. Modify a one hour grid with the grid block in the smallest/narrowest state. Verify the grid block is labeled with an 'M'. Click 'Revert Forecast' from the Edit menu. Verify the forecast returns to its saved state and the 'M' label returns to the correct model label. Verify all grid blocks are labeled with the model label.

| #1318 | [The PickUp Value dialog should change based on the weather element selected](#) | defect GFE | TO11-Slice5 | 3 - major | Resolved |

For example, when the PickUp Value dialog is open for a Scalar product, then the user selects a Wind grid, the PickUp value dialog changes, displaying the PickUp Value dialog for wind. This goes for all grid types (Hazard, Wx, Scalar, Vector). The combine mode should also update when it's state is changed via the GFE->EditPreferences menu or the MB3 popup menu.

In GFE, display a Temperature (T) grid. Click on the 'E' to bring up the Edit Actions dialog. Click on 'PickUp...' to bring up the PickUp Value dialog. Verify a scalar PickUp Value dialog displays. In the Grid Manager, click on a Wind grid. Verify the PickUp Value dialog changes to a vector PickUp Value dialog. In the Grid Manager, click on a Wx grid. Verify the PickUp Value dialog changes to a Wx PickUp Value dialog. In the Grid Manager, click on a Hazards grid. Verify the PickUp Value dialog changes to a Hazards PickUp Value dialog.

| #1345 | [Issue expanding time scale for grids populated at the end of the time scale](#) | defect GFE | TO11-Slice5 | 4 - minor | Resolved |

With grids populated at the end of the time scale, and visible in the Grid Manager, expanding the time scale (to make the grid boxes in the GM wider) causes the end of the time scale to be cut off. For example, the range may initially include Monday thru Sunday...but after expanding the time scale, the range shrinks to Monday thru Friday. The grids at the end of the time scale are not visible.

Load at least one grid at the end of the time scale. MB1 click the Expand Time Scale button in the toolbar. Verify the grid can still be visible.

| #1352 | [Select All Weather Elements fails to select all times and all weather elements](#) | defect GFE | TO11-Slice5 | 3 - major | Resolved |

May be related to #1368 Some weather elements are all selected...some weather elements have one hour (not uniform/not the same hour) selected/highlighted.

Left click on a T grid in the Grid Manager. Highlight a 12 hour range for the T weather element. Verify an equivalent 12 hour range is highlighted in the time scale. From the Grid menu, select 'Select All Weather Elements'. Verify all weather elements for the 12 hour period are highlighted. If grids (such as Max T) overlap, verify those grids are highlighted as well.

| #1365 | The Display Mode fails to change the color-coding of the grid blocks in the Grid Manager | defect GFE | TO11-Slice5 | 3 - major | Resolved |

The History option under the Display Mode menu fails to change the grid blocks in the Grid Manager. Refer to test steps 6-7 in the GFE Toolbar test case.

Steps 6-7 of the GFE Toolbar test case.

| #1372 | When the Legend is set to 'Show All Active Weather Elements', the option remains in the right click menu | defect GFE | TO11-Slice5 | 5 - trivial | Resolved |

When already in the 'Show All Active Weather Elements' mode, the option should not be available in the right click menu on the Spatial Editor.

| #1375 276 | GHG Monitor: Setting alert times has no effect on associated warnings | defect GFE | TO11-Slice4 | 3 - major | Resolved |

When the alert times for expiration times are set to different values, the alert fails to display at the chosen set alert time.

Left click on the Alerts menu and select 'Define Alerts...'. Set Alert1 to 3 minutes. Set Alert2 to 2 minutes. Set Expired to 1 minute. Watch as a warning is nearing expiration. Verify the Alerts display successfully in the GHG Monitor.

| #1378 | GHG Monitor: Modifications to a saved filter automatically save | defect GFE | TO11-Slice5 | 3 - major | Resolved |

Saving filter issue: When using a saved filter and modifying it (but not saving it), the modificaitons are saved as the origional name.

Load the GHG Monitor from the Products menu. Click on Default Filter under the Filter menu. Click on Define Filter and observe the default filter. Modify the filter then click Dismiss. Click on Save Current Filter under the Filter menu. Save the modified filter as Test123 and click Save. Click on Define Filter and verify the saved filter. Click Dismiss. Click on Default Filter under the Filter menu. Click on Define Filter and observe the default filter. Click Dismiss. Click on Test123 Filter under the Filter menu. Click on Define Filter and observe the Test123 filter. Modify the Test123 filter then click Dismiss. Without saving the modified filter, click on Default Filter under the Filter menu. Click on Define Filter and observe the default filter. Click Dismiss. Click on Test123 Filter under the Filter menu. Click on Define Filter and observe the Test123 filter.

| #1395 | When reverting the forecast for model data, not all grids are returned to the Grid Manager | defect GFE | TO11-Slice5 | 3 - major | Resolved |

After using the Copy All Grids From dialog to load the GFS40 model...and saving the data, the same dialog was used to populate the Grid Manager with NAM12 data (removing the saved/shared GFS40 grids). When reverting the forecast to the last saved state (GFS40), not all GFS40 grids were returned to the Grid Manager. Shadow blocks took their place.

Copy in GFS40 grids into the Grid Manager. Verify green locks appear in the Grid Manager. Save the grids. Verify the green locks are removed. Copy in NAM12 grids into the Grid Manager. Verify green locks appear over the NAM12 data. Revert the forecast. Verify all GFS40 grids return to the Grid Manager without green locks.

| #1409 | Show Warnings menu item remains selected after selecting to not see the warning in the warning popup window | defect GFE | TO11-Slice5 | 4 - minor | Resolved |

When selecting 'Do not show this message again' after editing an entire grid, the menu selection in the 'GFE' -> 'Show Warnings' menu item is still selected. In order to have the warning message appear again, the user must select the 'Show Warnings' option to off.

With the Show Warnings turned on and no edit areas in the Spatial Editor, set a PickUp Value for a temperature grid. MB3 click on the SE and select Assign Value. Verify the warning appears. Select to not see the warning and click OK. Click 'GFE' -> 'Show Warnings' and verify the 'Show Empty Edit Area Warning' is not selected.

| #1413 331 | The Stop, Skip, and Create options fail to work correctly when interpolating grids | defect GFE | TO11-Slice5 | 3 - major | Resolved |

-With Stop or Skip selected, the 2nd grid block that began without data, remained without data, but was given a green lock. -With Create selected, only one grid was created (the second grid). -All 3 selections were checked after running the smart tool or reverting the forecast. May be related to the interpolating issues recorded in DR #1385.

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ep009

| #1423 | Splitting QPF grids, then requesting to display them returns a Paint Method error | defect GFE | TO11-Slice5 | 3 - major | Resolved |

After splitting a QPF grid, the grids are successfully displayed in the Spatial Editor when selected in the Grid Manager. However, after a couple minutes, when requested, the grids cannot be displayed and an error is returned. See attached log.

In the Grid Manager, MB3 on a QPF grid and select the option to split the grid. Verify the grid splits at the click point. Verify the grid displays in the Spatial Editor. Click and edit other grids. Then, after 3-5 minutes, verify the grid is able to be displayed.

| #1435 | Model weather elements display in edit mode even though edits cannot be made; no status message | defect GFE | TO11-Slice5 | 3 - major | Resolved |

Currently, when viewing a model weather element as an image (such as NAM 12 temperature), the '(edit)' appears to the left of the product ID when the grid is uneditable. Also, when displaying an editable image, and MB2 clicking on a model weather element, a message should appear in the status bar.

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se002

| #1436 | [Unloading a weather element from the Spatial Editor legend doesn't remove the Grid Manager grids](#) | defect GFE | TO11-Slice5 | 3 - major | Resolved |

After unloading a weather element from the Spatial Editor, the weather element remains in the Grid Manager. The weather element should be removed.

Unload a weather element from the Spatial Editor. Verify the weather element is removed from the Grid Manager.

| #1437 | [Unloading a modified weather element should pop up a dialog with Save First, Discard Edits, or Cancel options](#) | defect GFE | TO11-Slice5 | 3 - major | Resolved |

When a user unloads a modified weather element, a pop up dialog should appear with options to Save First, Discard Edits, or Cancel.

Modify a grid for a weather element. MB3 popup over the weather element legend in the Spatial Editor verify Unload is not available. MB3 popup over a weather element legend with no unsaved modifications and verify Unload is available.

| #1438 | [When Legends are selected to be hidden, the Spatial Editor time should remain displayed](#) | defect GFE | TO11-Slice5 | 4 - minor | Resolved |

Hiding the Spatial Editor legends should not remove the time.

MB3 popup over the Spatial Editor and select 'Legends' -> 'Hide'. Verify only the time in the Spatial Editor legend remains.

| #1440 | 315 | MB3 popup menu on the Spatial Editor legend (contour and map products) is missing options | defect GFE | TO11-Slice5 | 3 - major | Resolved |

Density, Magnification, Line Width, and Line Style options are missing from the MB3 popup menu on contoured products. Density and Label are missing from the MB3 popup menu on Map products. Line Width and Line Style are available for Map products, however, there is no check mark to indicate the displayed setting.

With a contoured product displayed in the Spatial Editor, MB3 popup on a displayed product. Verify the menu contains the Density, Magnification, Line Width, and Line Style options. Verify they display successfully.

| #1441 | | Weather Edit Mode and Discrete Edit Mode states are not consistent | defect GFE | TO11-Slice5 | 3 - major | Resolved |

Weather Edit Mode and Discrete Edit Mode states are not consistent between the GFE->EditPreferences menu, the MB3 popup menu in the SE, and the Pickup Value Dialogs.

se021

| #1455 | 256, 460 | DT: The lat/lon values should not display on the sample points by default | defect GFE | TO11-Slice5 | 4 - minor | Resolved |

Sample point labels defaults to show lat + long in AWIPS II, and does not by default in AWIPS 1.

Load a fresh instance of GFE. In GFE, load a sample point on a displayed grid in the Spatial Editor. Verify the sample point only displays the grid value (no lat/lon value).

[#1457](#) 260	[DT: VTEC formatting dropdown menu should not be available in Operational or Test mode](#)	defect	GFE	TO11-Slice5	3 - major	Resolved

Drop down VTEC formatting box should not be there in operational or test mode. Currently, the apparent default â€œmodeâ€• in TO9 is operational and if that is the case then the there should be no formatting box.

In GFE in operational mode, make a winter storm warning hazard. Save the hazard. Open the text formatter, and select Hazard_WSW as the product. You should not see the VTEC formatting dropdown select box. Run the product, and verify it generates with an O (operational) VTEC. Run a non-hazard product such as the ZFP and verify it generates without a VTEC. Close the formatter launcher. From the CAVE menu, go to the preferences, and switch to practice mode. Open the formatter launcher, select Hazard_WSW and verify the VTEC formatting dropdown select box is there. Select one of the options, generate the product, and verify the VTEC is correct. Change the selection to a different VTEC mode and regenerate it. Verify it has the VTEC mode you selected.

[#1460](#) 264	[DT: Better performance is required for saving grids in GFE](#)	defect	GFE	TO11-Slice5	3 - major	Resolved

Saving grids to forecast DB is anywhere from noticeably slower (on the order of seconds) than AWIPS I, to excruciatingly slow (on the order of minutes), depending on what was going on. This was true throughout GFE testing but after some quirks were learned about what it likes and doesnâ€™t like, most times it was just 5-10 seconds slower than AWIPS I. Metrics are required to test.

Create various grids in GFE. Save the modified grids. Verify the saving of the grids is comparible to that of the legacy system. Repeat with varying number of grids.

[#1491](#) 333	[DT: The Python Editor does not have line/column labels or box](#)	defect GFE	TO11-Slice5	3 - major	Resolved

Errors that appear in the Python Editor window indicating where there is an error in the code provide a column and line value. At this time, those values cannot be used to determine the location of the error.

In GFE, open the Python Perspective/Python Editor window. Create an error in the code (e.g., taking out a comment by deleting a '#') and attempt to save it. Verify an error appears. Use the line/column values and the line/column readout in the Python Editor window to find the error.

[#1665](#)	[CAVE infinite loops after unloading resource](#)	defect CAVE Core	TO11-Slice4	3 - major	Resolved

I loaded radar and then Satellite IR. Then attempted to unload the radar and CAVE locked up. In the debugger I found AbstractDescriptor. handleTimeIndex was in an infinite loop around lines 1067-1081 because savedVertical was still set from the radar which was no longer loaded.

1. load Obs->Other Warning Displays-> Local and Regional Warnings 2. load koax -> Best Res Refl. -> 0.5 Refl. 3. Start looping. 4. Unload all the warnings 5. Unload the radar. 6. Verify CAVE is still responsive (not locked up).

[#1741](#)	[Loading gridded data into the Grid Manager (Copy All Grids From...) fails](#)	defect GFE	TO11-Slice5	3 - major	Resolved

Grids fail to load into the Grid Manager using the Copy All Grids From... dialog. Only a fraction of the parms get populated with what appear to be gridded data (Depending on the model, various weather elements fail to populate in the Grid Manager. E.g., GFS fails to load T and Td grids; NAM fails to populate all but FzLevel and QPF.) When the grid is selected, only the colorbar appears in the Spatial Editor, no grid images display. Two errors resulted. The error logs are attached.

In GFE, click 'Populate' -> 'Copy All Grids From...'. In the dialog, select a completed GFS40 run (e.g., if the 12Z run is the most recent model run, select the 06Z run in case the 12Z hasn't completely been ingested). Verify all necessary weather elements are populated in the Grid Manager. Click 'Edit' -> 'Revert Forecast'. Repeat the above steps for NAM and RUC.

#1876	500	When Publishing to Official, the user must reload the Weather Elements	defect	GFE	TO11-Slice5	3 - major	Resolved

If the Weather Elements in the Grid Manager include the Official Weather Elements/parms, when Publishing to Official, the grids will not appear without reloading the Weather Elements through the Weather Elements Browser.

Using the Weather Elements Browser, load the Fcst and Official parms. Verify both sets appear in the Grid Manager. With Fcst grids populated in the Grid Manager, publish several weather elements and verify they appear in the Grid Manager without resetting the parms that are displayed in the Grid Manager.

#1935	435	TTR 435: GFE legends should be inactive during tool use.	defect	GFE	TO11-Slice5	3 - major	Resolved

GFE. When using interactive tools such as draw edit area, pencil tool, etc., when mouse button is released over a legend item, that item is activated. When actively using drawing tools, legend mouse bindings should be inactive.

In GFE, activate the sample tool. MB1/left click on a product ID in the legend. Verify no sample was left and that the product became hidden or viewable. may need additional tests.

| #1947 | Saving grids fails when CAVE is closed | defect GFE | TO11-Slice5 | 3 - major | Resolved |

When unsaved grids are present in the Grid Manager, and CAVE is closed, selecting 'OK' from the Save Weather Element(s) dialog fails to save the grids.

Setups: In GFE, populate the Grid Manager with grids. Tests: 1) Modify multiple grids. Click the 'x' in the upper right corner of CAVE to close CAVE. Verify the Save Weather Elements dialog appears with all checkboxes checked. Click Yes to save the grids and close CAVE. Start CAVE and verify in GFE that the grids were saved. 2) Repeat 1 except instead of closing cave, right click on the GFE perspective and click close. 3) Repeat steps 1 and 2, instead of clicking Yes, click no. Verify that the close finishes without saving the parameter. 4) Repeat steps 1 and 2, except instead click cancel. Verify that the save dialog disappears but nothing else closes. 5) Repeat steps 1 and 2, before clicking yes, shutdown edex on the system you are connected to. Then click yes. You should get an error, the dialog will not close allowing you to choose to cancel or click no.

| #1953 | The user cannot assign 'NoWx' from the Pickup Value dialog | defect GFE | TO11-Slice5 | 3 - major | Resolved |

With 'NoWx' in the Pickup Value dialog, the user cannot assign 'NoWx' to the grid in the Spatial Editor.

In GFE, click on a Wx grid with weather areas displayed. Use the Draw Edit Area tool and draw a circle over an area with weather assigned. MB3 click on the colorbar and select 'Set Pickup Value'. In the Pickup Value dialog, set to 'NoWx' if necessary. Click 'Assign Value'. Verify 'NoWx' was assigned to the edit area (circle).

| #2055 | Formatter Launcher text products should use official database | defect GFE | TO11-Slice5 | 3 - major | Resolved |

Per Shannon White, our system currently uses GFE's forecast database as the database to retrieve data for text products. According to Shannon, it should be using the Official database. Note, do not do this fix until the completion of #2054.

With a fresh GFE, populate or create a bunch of data and save it. Open the text formatter and select the ZFP product. Generate it. The product should generate WITHOUT any significant weather data/sentences in it. From the top menu, select DataSources and note that Official is selected. Select the Fcst data source, and run the product again. This time should be slower, and should create meaningful sentences. Take it a step further by then publishing your fcst data to the official database. After publishing, select the Official data source in the FormatterLauncher dialog, and run the product again. This time it should appear the same as when you ran it against the Fcst data source.

| #2056 | SPC watch arrival notice is not clearly shown | defect | GFE | TO11-Slice5 | 3 - major | Resolved |

Per Shannon White, our system shows the notification message that an SPC watch arrived in AlertViz. Unfortunately, the small bar is not noticeable enough for something as important as a watch from the SPC. Fix the notification's priority or default alertviz settings so it will by default display a notable banner that a user cannot miss.

Grab an SPC watch online or the one attached as neStorm.txt. Save the watch to your hard drive. Open the watch and change the times in the VTEC to some time in the near future, e.g. 090622 is YYMMDD. Start CAVE and go to the GFE perspective. Drop the watch into the server's sbn directory so it is ingested. An AlertViz window should pop up notifying the forecaster that an SPC watch has arrived and instructing them what to do about it. If the notification window appears, test passed. If it does not appear, test failed. (Note that the color of the window, and whether or not it appears, is dependent on AlertViz settings. That said, it is coming in as a critical priority so odds are you have AlertViz configured to popup on criticals).

| #2087 | PrecipUtil Library Validation Needed | task | Hydro | TO11-Slice5 | 3 - major | Resolved |

The PrecipUtil.java library was ported from the C code for OB8.3. We don't know how to test this large library. When PDC runs and calls this library no data are returned, which may or may not be correct. Need to verify if this library is working correctly. Need test steps and test data from NWS

Open CAVE from the console. Open the Point Data Control dialog in Hydro view. Select 24HR ... PRECIPITATION. Select Map. To test that results are being obtained from the PrecipUtil.java library look at the console output for the line "N records returned" where N > 0.

| #2159 338, 394 | Implement Temporal Editor | task | GFE | TO11-Slice5 | 3 - major | Resolved |

Implemented TemporalEditor.

Run ac006.html and te001.html through te010.html. All tests should pass.

| #2171 | GFE communication issue | defect GFE | TO11-Slice4 | 3 - major | Resolved |

When loading GFE, an error is returned: GFE: Error communication with EDEX's GFE service. See attached log.

In CAVE, load the GFE Perspective. Verify GFE loads without error. Populate grids with model data. Save all grids. Verify the communication error does not appear.

| #2172 | Contour Tool does not contour the image; not labeled | defect GFE | TO11-Slice4 | 3 - major | Resolved |

Contours are not drawn or labeled when the Contour tool/bullseye icon is selected.

In GFE, display a scalar grid of varying values. Select the Contour Tool/bullseye icon. Verify labeled contours are drawn on the image.

| #2178 | GHG Monitor : Sorting on date columns gives unexpected results | defect GFE | TO11-Slice4 | 3 - major | Resolved |

The table component in GHG monitor can be sorted in ascending or descending order on any column. However, it uses the text of the selected column to sort. For columns such as expiration date, the text format in which the date is displayed (HH:mmZ DD-MMM-YY) results in incorrect behavior. For example, if you have three alerts, where alert A expires at 9:00 today, alert B expires at 10:00 today, and alert C expires at 10:00 tomorrow, the records will appear in the order A,C,B for an ascending sort and B,C,A for a descending sort. We can fix this be either keeping a hidden store which keeps track of the records as dates, or by changing the text of the date fields to display as YYYY-MM-DD HH:mmZ. The latter is (much) easier, but may not be acceptable to the NWS.

Arrange to have active hazards with different purge times, either by creating them in CAVE or another method. Start CAVE. Select the GFE perspective. Select Products->GHG Monitor. By default, the table is sorted by the Purge column in ascending order. Confirm that the purge times are sorted in ascending order by date. Click on the Purge column heading. The blue arrow in the column heading should now point down, and the records should be sorted in the opposite order. Repeat for the start, end, and issue time columns. Select Filters->Define filters from the GFE main menu. Deselect all the "combine" checkboxes at the bottom. Click the "dismiss" button. (Normally, this generates a lot of table entries with identical date fields). Click on column headings as above. Confirm that the columns are still sorted in the correct order. Click on several table records. Confirm that the highlighted row remains at the same location.

#2189	58	TO8 TTR Only able to loop once through 64 frames of Gridded data	defect	Common	TO11-Slice6	3 - major	Resolved

Loaded 64 frames of GFS40 Temp Surface data through the Volume Browser. Turned on looping. Received the following error after looping once through the 64 frames:[[BR]]Reason: Resource Disabled. Error during render due to exception in paint method.[[BR]] After selecting "OK" in the Error Dialog, the Grid data was automatically cleared in the Main Pane.

Loop 64 images of the GFS 40 model

#2193	82	TTR DR. Text Workstation scroll bar for WarnGen messages inadequate	defect	Common	TO11-Slice5	3 - major	Resolved

The text workstation scroll bar is inadequate for viewing an entire WarnGen text message. Had to increase the window size and then scroll down again in order to view the remainder of the message.

The text work station scroll bar works as it should. Retest.

#2202	142	TO8 TTR: No predefined color selections with third button Change Color	defect CAVE Core	TO11-Slice5	3 - major	Resolved

CAVE does not have the 9 predefined color selections when using the 3rd button "Set Color" ("Change Color" on CAVE) option over the legends.

with cave running, in the main D2D window, right click and hold on the resource name, "State/County Boundaries." Move the mouse pointer over "Change Color..." menu item. The color change drop down will appear. Release the right mouse button over the color desired for the resource. The color of the resource will change to the selected color. The color can also be changed more precisely from this drop down by selecting the "Choose Color..." menu item in the change color drop down.

#2300	PIREPs are being located at the wrong latitude/longitude.	defect EDEX Plugins	TO11-Slice4	3 - major	Resolved

PIREP data with a bearing and distance are being improperly located. Found that this is due to the bearing and distance values being transposed in the decoder.

See attached test procedures and data.

#2326	Displaying separated hazards causes errors	defect GFE	TO11-Slice4	3 - major	Resolved

After creating a hazard and saving it, creating additional hazards and attempting to view them in the Spatial Editor by clicking on the grid in the Grid Manager results in an error. Then, when closing CAVE, another error appears. See the attachment.

Create a hazard through the MakeHazard dialog under the Hazards menu. Under the Hazards menu, Merge the grids. Save the grids. Create another hazard through the MakeHazard dialog under the Hazards menu. With the individual hazards parms still separated, click on each hazard as well as the hazard in the main Hazards parm. Verify no error is returned. Merge Hazards. Save all grids. Close CAVE and verify no error results.

#2338 581	D2D - Implement Obs menu plot functionality	task	D2D	TO11-Slice4	3 - major	Resolved

Implement plot functionality for Surface, METAR, Maritime, and Hazards.

1. Verify the Obs Menu in D2D from CAVE matched the Obs menu in AWIPS I. 2. Verify the plot functionality is implemented for the attached text file.

#2343	Remove all use of ZoneFileResource	defect	GFE	TO11-Slice5	3 - major	Resolved

All use of ZoneFileResource should be replaced with ZoneDbResource. This is the last remaining usage of shape files for GIS querying. It is currently used in the formatter launcher, zone combiner, and make hazards dialog.

Start CAVE. Choose the GFE perspective. From the main menu, select Hazards->Make Hazard. The MakeHazard dialog should appear, with the localized CWA in the map. Confirm the operation of the map controls. Create a hazard and make sure that the created hazard contains the zones selected in the map. Dismiss the MakeHazard dialog. [Optional:save and transmit the hazard just generated so the VTEC active table has records] From the GFE main menu, select Products->GHG Monitor. Confirm that the GHG Monitor comes up and that the map interacts with the rest of the dialog as expected. Dismiss GHG Monitor. From the GFE main Menu, select Products->Formatter Launcher. From the Formatter Launcher menu, select Products->AFM. Confirm that the map comes up and works as expected, with multiple zone groups and colors. Only the CWA should appear in the map. Dismiss the AFW tab. From the Formatter Launcher menu, select Products->Civil Emergency->Civil Emergency AVA. Confirm that the CWA region appears in the map, and that any zones selected are put in a single group.

#2350	GFE Break Locks dialog has issues	defect	GFE	TO11-Slice5	3 - major	Resolved

The GFE Break Locks dialog has a lot of issues, and is pretty important. Some issues include that you can't scroll, you can't filter, and you can only click break locks once. Later clicks result in errors. Fix the Break Locks dialog so it acts reliably and is similar to the legacy GFE Break Locks dialog.

ui001 minor variance: we always use a multi-selection listbox, not check boxes regardless of the number of locks. We do still display a scrollable list if more than 12 locks (or maybe 11 due to an SWT "feature") are displayed.

| #2355 | Maritime Plots missing parameters | task | EDEX Plugins | TO11-Slice4 | 3 - major | Resolved |

Based on the design file for Maritime plot, the following is to be included: windGust and peakwind for standard maritime plots and windGust for set state.These columns do not exist in the sfcobs table. It was verified on AWIPS I that those parameters are being displayed for this particular plot.[[BR]] [[BR]]Also missing: But the Moving Maritime obs are missing some fields: Pressure and pressure tendency and dew point. (These display correctly on A-I).

Test with DR2364.

| #2364 | Maritime Synoptic winds are incorrect. | defect | EDEX Plugins | TO11-Slice4 | 3 - major | Resolved |

The wind speeds in Maritime section 5 are coded with one implied decimal position (11.4 coded as 114). The current decoder does divide by 10, so a value of 114 is stored instead of (11.4).

See attached test data and procedures documents.

| #2380 | The Labels are removed from the Grid Manager | defect | GFE | TO11-Slice5 | 3 - major | Resolved |

It's only happened a couple times, but the labels in the Grid Manager were removed from the display after restarting GFE. The first time, only a few grid blocks were missing their labels. The second time, all were missing. See the attached screenshot.

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1. Populate grids from a model (suggest RUC since it comes in every hour and we only keep 2 versions). 2. Wait for that model to be purged (may take as long as 2 hours for RUC). 3. Verify grid history is still available and labels are displayed.

| #2393 | [Malformed XML statement in hydro config file caused template error in WarnGen](#) | defect Warngen | TO11-Slice4 | 3 - major | Resolved |

Error occurs when using one of the drop-down menus in WarnGen. Steps: Product type --> select 'Other' radio button --> select 'Non-convective Flash Flood Statement' Malformed XML statement in hydro config file caused template error in WarnGen. The following cfg file contains an error /caveData/common/base/warngen/dambreakffs_OAX.cfg Brent is aware of the problem.

Select the Non-convective Flash Flood Statement template in WarnGen and make sure there is not an error.

| #2403 | [In Hydro - No Way To Turn Off Areal Zoom](#) | defect Hydro | TO11-Slice4 | 3 - major | Resolved |

Following the Hydro test procedure, after selecting Tools -> Areal Zoom there is no apparent way to turn the tool off. This also overrides the MB1 panning fuctionality.

Verify the Areal Zoom menu item has been removed

| #2409 637 | [All available satellite data is not getting displayed.](#) | defect D2D | TO11-Slice4 | 3 - major | Resolved |

When satellite data are loaded, not all the available images are displayed. In CAVE, the data almost always display every 30 minutes, at :15 and :45, even when the satellites are in Rapid Scan mode (delivering images every five minutes). Normally, new East and West CONUS images arrive every 15 minutes. uEngine query reports the correct number of stored images. The same display results are obtained even if you choose a satellite channel from under the Every Image section of the Satellite menu. I see that at larger scales the satellite data are combined on-the-fly to make larger images (nice!). As you zoom in, higher resolution satellite data are automatically substituted (progressive disclosure - more nice!). Perhaps there is a time-match occurring on the combined imagery availability that is inadvertently carried through to the display of an image from just one satellite. The uEngine inventory for Northern Hemisphere Composite shows availability every 30 minutes, at :15 and :45.

In Cave, select 'Satellite->IR Window' while keeping the scale in CONUS. Loop through frames and take note of the times. The frames should be incrementing every 15 minutes.

#2423	[Time Seris GUI not getting all required data from the PointData Tabular Display](#)	defect Hydro	TO11-Slice5	3 - major	Resolved

Selecting Time Series Graph button form the Point Data Tabular Display brings up the Time Series GUI and 'A Physical Element is required' message. Closing the message window and supplying the PE included in the selected station generates the graph.

Select Time Series Graph/Table button from the Point Data Tabular Display. Verify graph/table displays correctly.

#2432	[Shef decoder writing gage data to hourly tables with wrong values](#)	defect EDEX Plugins	TO11-Slice4	3 - major	Resolved

The shef decoder, postPETable method is setting values of precip to a float value that is in hundreds of an inch, the database stores these in integer format, need to convert them to integer values before passing to other methods. Such as multiplying the datavalue x 100.

Check to insure that the values are stored properly in curpp, curpc, hourlypp, hourlypc, rawpp, and rawpc. All of these tables store the values as double, except the hourly tables which are integers.

#2444 314	[GFE: DT59-Spatial Editor Legends-Contour lines are white by default and the color can't be changed.](#)	defect GFE	TO11-Slice5	3 - major	Resolved

Update 05/11/09: Not fixed. Changing graphic color changes color of legend only not the corresponding graphic. - Tom LeFebvre

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Spatial Editor Legends- Test Steps Executed: 31

| #2447 436 | WarnGen warning template formats lat...lon line improperly | defect | Warngen | TO11-Slice4 | 3 - major | Resolved |

When tornado warning product is generated in warngen the text output doesn't format the LAT...LON line properly. The number of lat...lon pairs should be 4 or less per line. The output gave 6 lat lon pairs on a line. Updated by Mike Rega, 5/21/09 FAILED test TO-11 D2, lx3-nhda, 5/15/09 On the WarnGen LAT...LON line there are 6 lat/lon pairs on the first line, the second and subsequent lat/lon lines have 7 lat/lon pairs. In AWIPS I, every LAT...LON line is restricted to 4 lat/lon pairs. There are inconsistencies in the NWS operational directives on this matter, I'll check with Kevin Woodworth. FAILED in TO11d1

Create several warnings in WarnGen containing more than 4 vertices. Compare the formatting of the LAT...LON section of these warnings to the attached file. They should be identical. For reference, the attached warning was issued by the NWS using AWIPS 1 on June 1, 2009. There are more warnings available to compare with at the following URL: (http://climate.ok.gov/data/public/noaa/text/archive/2009/06/01/SVR/)

| #2450 539 | METAR sampling misses some stations | task | D2D | TO11-Slice4 | 3 - major | Resolved |

When using sampling over densely populated METARS the sample readout will not always sample the METARS the cursor is directly over. E.G. display METARS on regional scale and zoom in so LNK and OMA are about 1/2" apart on the screen. With sampling on, I get the LNK METAR readout when I am directly over OMA. I tried other places (e.g. over New York) with the same results. (This may have to do with METARS in their first-order list taking precedence over additional METARS that display during zooming/progressive disclosure.) Note: in AWIPS-I. Sampling gives you a METAR readout when the cursor is within ~3/8" from the station. It will give you the readout of the nearest station when the cursor is in between two closely-spaced METARS. Update for TO11 Slice 1 (Susan Williams/OAR/GSD 5/8/2009) - Failed. Same problem as before.When conditions are setup as outlined in the TTR, when sampling KOMA (point of cursor on KOMA), get the the metar info for KICL. Failed in TO11d1

Plot Metar plots. Turn on sampling. Verify the correct plot is being sampled.

| #2460 | D2D: Increasing Density of plots on map is affecting Isopleths | defect D2D | TO11-Slice4 | 3 - major | Resolved |

while displaying Geopotential height (700mb) over western US, and changing the image Density to Maximum, the isopleths became totally covered by pressure values. Density should only affect the plots and labels on the map.

| #2465 644 | WarnGen bullets are not selected by default. | defect Warngen | TO11-Slice5 | 3 - major | Resolved |

In the WarnGen TOR and SVR products, none of the the default bullets are automatically selected on the WarnGen GUI "optional bullets" section. In OB9.1, the following "optional bullets" are automatically selected for the SVR: - BASIS - doppler radar indicated - THREAT - pathcast - CTA - no call to action In OB9.1, the following TOR items are selected: - BASIS - doppler radar indicated and pathcast - CTA - safe places to be In OB9.1, all WarnGen products have at least one "optional bullet" selected by default on the GUI.

In the WarnGen Dialog, select each template one-by-one and make sure that some bullets are selected by default in each template.

| #2470 633 | ADE document shows cave/configuration file, but the file is missing. | defect Documentation | TO11-Slice4 | 3 - major | Resolved |

ADE install document refers to a cave configuration file, but the file is not in the ~/ade/projects/awips/build/static/common/cave directory. Since CAVE runs, I am assuming that this is a documentation error instead of a missing file issue. The statement is in the AWIPS II Flow Tag Instructions ADE Setup document under section 3.1.5 "Setup the AWIPS II ADE, and step "Setup the cave configuration folders in the eclipse directory". The "cp - R /home/user/ade/projects/awips/build/static/common/cave/configuration" does not appear to be needed in TO11D2.

#2473	[Skew-T Selection Not Yet Implemented](#)	defect	D2D	TO11-Slice4	3 - major	Resolved

From the Upper Air menu, some Skew-T stations return a 'Not Yet Implemented' message when selected, e.g., Guaymas (MMGM), Mexico among others. The pattern seems to be that the station name and ICAO are listed but the DTG has no entry. Where the DTG woukd be the column is blank, no numbers and no --.---- either. The sub-menus with missing entries, besides Mexico (Acapulco, Arriaga, Ciudad Del Carmen, Cozumel, Isle Of Guadalupe Ixtepec, Los Mochis, Chihuahua, Guaymas, Morelia, Soto La Marina, Tampico, Tapachula) are Atlantic (Albrook), Australia (Halls Creek), Russia (Khabarovsk), Pacific East (Papeete/Tahiti, Canton Is), Pacific West (Lae, Eniwetok)

Under Upper Air menu->RAOBs. Verify that none of the skew-T stations return a 'Not Yet Implemented' message.

#2478	[Break Locks dialog should have toggle selection functionality implemented](#)	defect	GFE	TO11-Slice5	4 - minor	Resolved

Regarding the variance with the check boxes in the Break Locks dialog, I -recommend adding the toggle click functionality to avoid additional clicking or button pressing. At the moment, the user must hold the Shift or Control button down to select more than one item.

With red locks displayed for multiple weather elements/parms in the Grid Manager of GFE, click GFE->Break Locks. MB1 click several weather elements without pressing any keys. Verify the toggle capability has been implemented.

#2479	[Hazards are not displaying their assigned color](#)	defect	GFE	TO11-Slice5	3 - major	Resolved

When creating hazards, they are mostly assigned purple or blue toned colors. Certain hazards are colored in a bright green color. This does not reflect the colors displayed in the legacy system or previous Task Orders.

Create hazards in GFE. Verify the assigned color is the same as in the legacy system.

| #2485 | [Legend for 925mb Plot Displays as 95mb Profiler](#) | defect Unknown | TO11-Slice4 | 3 - major | Resolved |

When Upper Air -> NPN Plot -> 925hPa is selected the legend in the lower right hand corner of the chart is displayed as 95mb Profiler.

Verify the legend for Upper Air -> NPN Plot -> 925hPa is 925mb Profiler.

| #2491 | [Contours are hidden by the image in the Spatial Editor when MB2 clicked in the Grid Manager](#) | defect GFE | TO11-Slice5 | 3 - major | Resolved |

When clicking MB2 on grids in the Grid Manager, the clicked grid becomes an image while the other displayed image becomes a contour. After MB2 clicking several grids to display several sets of contours, when MB2 clicking back on the original image, the contours of the other weather elements are hidden behind the image.

In GFE, MB1 click on a T grid in the Grid Manager. The T image displays in the Spatial Editor. MB2 click on a Td grid in the Grid Manager. The T image becomes contours and the Td image displays. MB2 click on a RH grid in the Grid Manager. The Td image becomes contours and the RH image displays. MB2 click on the original T grid in the Grid Manager. Verify the T image displays and the Td and RH contours display.

| #2493 | [Satellite time in the product legend doesn't seem to update at times](#) | defect D2D | TO11-Slice4 | 4 - minor | Resolved |

There are two products that make up a satellite image...East Conus and West Conus. The time in the menu reflects the most recent time between both images (displayed as one in CAVE). The time in the product menu, however, only reflects the time of one of the two images. Therefore, the satellite image may update and the time under the menu will update accordingly, however, the time in the product legend may not update. The two times may not necessarily match. However, the most recent data is displayed in the main pane. This may be an issue in the operational field if the user believes an image to be older than it really is. (Eg., the user is not going to look under the menu to see if it's the latest available product...they will look at the time in the product legend.) AWIPS II displays data when it's ready (versus waiting until both images come in before becoming available for display). The recommended resolution would be to display both products in the product legend with their respective times displayed (variance).

Load a satellite image in CAVE and verify the valid times for each of the satellite images (East and West Conus) displays in the product legend.

#2509	Blank/empty grids display data	defect GFE	TO11-Slice5	3 - major	Resolved

When a T grid is displayed, and then a blank/empty grid for Td is selected, contours appear in the Spatial Editor. For the NAM12 model, which has data every 3 hours, the data displayed for the 'real' grid is the same data as its adjacent blank/empty grids...except displayed in contours. No data should display in the Spatial Editor when a blank/empty grid is selected. Possibly a related issues: 1) When hazards are created through the Make Hazard dialog, not all valid times are displayed in the Spatial Editor. See attached image. 2) A paint error results after hazards are created and blank grids are selected in the Hazards parm. See attached error log.

Click on a T grid to display the image in the Spatial Editor. Click on a blank Td grid adjacent to a valid Td grid. Verify the Spatial Editor is blank.

#2510	The Undo button fails to restore grids after they were deleted	defect GFE	TO11-Slice5	3 - major	Resolved

After deleting grids from the Grid Manager, selecting the Undo button puts the grid blocks back in the Grid Manager, but the attached error is returned and no grid displays in the Spatial Editor.

Delete grids in the Grid Manager. Click the Undo button. Verify the grids are returned in the Grid Manager and that they display in the Spatial Editor.

| #2532 | [The Make Hazard dialog fails to open when requested](#) | defect GFE | TO11-Slice4 | 3 - major | Resolved |

The attached error results when the Make Hazard dialog is requested.

In GFE, click Hazards -> Make Hazards and verify no error is returned.

| #2533 | [An error occurs when the Temporal Editor image bar extends above the upper limit (e.g., 120 degrees)](#) | defect GFE | TO11-Slice5 | 3 - major | Resolved |

When the Temporal Editor image color bar extends above the upper limit, the attached error occurs and repeats often thereafter. CAVE must be closed and restarted to rid this error from reappearing.

In the Temporal Editor, with the Temperature image colorbar displayed, click and drag a colorbar above 120 degrees. Verify the colorbar stops at 120 degrees and does not produce an error.