MPE Related DRs (AWIPS Build 17.2.1)

DR#	Title	Description and Testing Instructions
19805	MPE Daily QC:	In the MPE Daily QC, after the user has performed the render-grids
	if data is	operation, there are options to display the data in various formats: Points,
	displayed as	Points+Grids, Points+MATs, etc. If the user sets the display format to either
	contours, the	"Contours" or "Points+Contours", the display mode remains in contour mode
	display remains	when exiting from
	in contour	the Daily QC back to the hourly MPE.
	mode after	
	exiting to the 1	to reproduce:
	hour display	1. load the MPE perspective in CAVE.
		2. in the Choose Data Period window, click the 'Display MPE Data' button.
		 from the top menu select Tools>Display Data As. Verify that the setting is "Image".
		4. from the top menu select Gages>QC Precipitation to load the Daily QC.
		(Daily QC can also be loaded by re-opening the Choose Data Period window).
		5. when the Daily QC data is loaded, MB3-click on one of the stations to open the Edit Precipitation Stations window.
		6. edit either the 6-hour values or the quality code of the station, then click
		'Apply' then 'Close'. (This is the enable the 'Render Grids' button)
		7. click the 'Render Grids+MAPs' button. The rendering process will be
		complete when the button becomes deactivated.
		8. click on the "Points" drop-down list and select either "Points+Contours" or
		"Contours". The data on the map will be redisplayed with contour lines.
		9. exit the Daily QC by clicking the 'X' control in the upper right-hand corner
		of QC Precipitation Options window. Note: saving the level 2 data is
		optional - the problem occurs whether or not the data is saved.
		10. view the data display for the hourly mode.
		Expected result: the hourly data is displayed in image mode, as verified in
		step 3.
		Actual result: the hourly data is displayed in contour mode. If Tools>Display
		Data As is selected, Image mode is still indicated meaning the
		mode setting between hourly and QC mode is out-of-sync.
19802	MPE Multi-	In the MPE Multi-Hour QPE screen, setting the display type to Basin, County
	Hour QPE:	or Zone displays a line of text in the legend at the bottom right-hand corner
	missing values	of the window. In the text, the symbols "%d" and "%s" are displayed in place
	in the legend	of actual duration and date data.
	for display	To reproduce
	than "Grid"	1 load the MPE perspective in CAVE
		1. IUGU LITE IVIPE PETSPECLIVE III CAVE.
		2. In the choose Data renou window, click the Display MPE Data Dullon.
		A in the Multi-Hour Precipitation Accumulation window, loove the settings
		at the defaults and click 'Show Data'.
		5. the 1-hour QPE data for the current date and hour is displayed in grid
		format. There won't be an entry in the legend.

		6. click on the "Display As" drop-down list, and select "Basin", then click
		'Show Data'.
		7. the 1-hour QPE data is redisplayed by basin. There is an entry in the
		legend.
		Expected result: the legend displays duration, display type and date values
		Matching the Multi-Hour Precipitation Accumulation window.
		Actual result: the legend displays the text: %d fir Saved Precip Estimate For
		%s Ending %s (iii) (see attached screen capture).
		Note: this problem occurs for all possible selections for Product to
		Accumulate, all selections for Duration, and the Display As selections "Basin".
		"County"
		and "Zone".
19625	MPE: Daily QC	DailyQC precipitation estimates are different in A1 and A2 versions. For test,
	precipitation	I used the same inputs for both A1 and A2 (files and tokens). I manually
	estimates are	altered the value highlighted in graphics to 3.10", then "Rendered
	different than	Grids+Maps" and displayed "Estimated". Notice difference at Coastal site
	A1	(.66" in A1, 2.15" in A2, Site along Columbia River (.42" in A1, 0.0 in A2).
		1. Open MPE, choose hour with saved data.
		2. Select MPE Control -> Choose Hour.
		3. Select Current hydro day -1 in lower section and select Precipitation.
		4. Make sure that there is current data displayed in Level 1.
		6. Check to see that station values shown match what should be expected
		based on surrounding data
		7. Display Grid to see if it corresponds.
		Done.
19495	MPE: Daily QC	In the MPE Daily QC for Temperature, the Edit Precipitation Stations panel
	for	has the radio buttons for
	Temperature:	Questionable" and "Screened" transposed. Opening the panel for a station
	the Edit	with a quality setting of "Questionable" will
	Precipitation	display the "Screened" radio button selected. Similarly, a station with a
	Stations panel	quality setting of "Screened" will
	has Station	display the "Questionable" button selected.
	Quality buttons	Stans to reproduce
	transposed	Lead the MDE perspective in CAVE
		2 in the Choose Data Period window, click the 'Temperature' button to load
		the Daily QC for temperature.
		3. in the QC Temperature Options panel, clear the check boxes in the Point
		Quality section, then select only "Questionable". (this makes the
		questionable stations easier to find on the map display).
		4. select a test station: verify that it's displayed in the correct color according
		to the color key (yellow).
		5. MB3-click on the station to open the Edit Temperature Stations window.
		6. note the selected radio button in the Station quality section.
		Expected result: the "Questionable" radio button is selected.

		Actual result: the "Screened" radio button is selected.
		7. repeat steps 3-6, viewing Screened stations.
		Expected result: the "Screened" radio button is selected.
		Actual result: the "Questionable" radio button is selected.
19139	Problem with	One of the things we do in the open water/operational season that we do
	sending 6Z 6-hr	not routinely do in the winter is create an 182 6-hr QPE grid that is sent to
	QPE grid to	CHPS. In the past this has been done by running MPE1 after 18302 (and
	CHPS	usually before 192), editing the 122-182 6-hr precipivalues, and saving the
		level 2 data (thus creating the 6-hr 182 QPE ghu).
		Since we are trying to switch to using MPE2 vesterday (5/12) I decided to
		use MPE2 to produce the 6-br 187 OPE grid Shortly after 18307 Lonened
		MPF2, loading 2 days of precipidata. I then changed from 24-hr to 6-hr, and
		the first thing I noticed was that most of the values were "time distributed".
		Some more in-depth checking revealed that precip data that came in as
		PPQR* (came in as a 6-hr incremental) was shown as either "verified" or
		"questionable"
		(as expected), whereas the data which came in as PC (accumulating precip)
		was showing as "time distributed" (not expected - in MPE1 it also displays as
		"verified" or "questionable"). After further checking, it appears that for the
		PC data, MPE2 treated the 12Z-18Z 6-hr total (on the 12th) as being the 24
		hour total at 12Z on the 13th (ie, the 12Z-12Z total). It is then evenly time
		distributing that total back over the 4 6-hr periods (12-18Z, 18-0Z, 0-6Z, and
		6-122). This resulted in 6-hr values that are too small (by a factor of 4) at 182,
		and the "time distributed" values can not be edited so a grid produced
		from this data would be incorrect. After trying (unsuccessfully) to edit the
		MPF1 to
		produce the 187 6-br grid
		Test procedure:
		1- Load the MPE perspective around 18:05Z or later.
		2- Click the 'Precipitation' button to load the daily QC.
		3- MB3-click on a station to open the Edit Precipitation Stations window.
		this is what you should see in the window at 18Z, 00Z, 06Z and 12Z if the
		gage value is 0.0
		at 18Z
		12-18 0.00
		18-00 IVI
		00-00 IVI 06-12 M
		12-12 0.00
		at 00Z
		12-18 M
		18-00 0.00
		00-06 M

		06-12 M
		12-12 0.00
		at 06Z
		12-18 M
		06-12 M
		12-12 0.00
		at 12Z
		12-18 M
		18-00 M
		00-06 M
		12-12 0.00
		Note: before the fix it will be evenly distributed for example see bellow
		at 18Z
		12-18 0.00
		18-00 0.00
		00-06 0.00
		06-12 0.00
		12-12 0.00
		End of the test procedure
10007		
18927	MPE Gage	There are two scenarios in which edits to a gage value are seemingly
	Table: if edits	cancelled, but are still applied to the gage when field gen is run.
	to gage values	
	are cancelled,	Steps to reproduce:
	they are still	1. load the MPE perspective in CAVE.
	they are still applied by	 load the MPE perspective in CAVE. from the top menu, select Gages>Gage Table
	they are still applied by fieldgen	 load the MPE perspective in CAVE. from the top menu, select Gages>Gage Table in the MPE Gage Table window, select a gage with a value >= 0.
	they are still applied by fieldgen	 load the MPE perspective in CAVE. from the top menu, select Gages>Gage Table in the MPE Gage Table window, select a gage with a value >= 0. Double MB1-click in the Edit Gage Value column for that gage
	they are still applied by fieldgen	 load the MPE perspective in CAVE. from the top menu, select Gages>Gage Table in the MPE Gage Table window, select a gage with a value >= 0. Double MB1-click in the Edit Gage Value column for that gage.
	they are still applied by fieldgen	 load the MPE perspective in CAVE. from the top menu, select Gages>Gage Table in the MPE Gage Table window, select a gage with a value >= 0. Double MB1-click in the Edit Gage Value column for that gage. Enter a value different from the current one, and press Enter.
	they are still applied by fieldgen	 load the MPE perspective in CAVE. from the top menu, select Gages>Gage Table in the MPE Gage Table window, select a gage with a value >= 0. Double MB1-click in the Edit Gage Value column for that gage. Enter a value different from the current one, and press Enter. Repeat step 4 for a second gage.
	they are still applied by fieldgen	 load the MPE perspective in CAVE. from the top menu, select Gages>Gage Table in the MPE Gage Table window, select a gage with a value >= 0. Double MB1-click in the Edit Gage Value column for that gage. Enter a value different from the current one, and press Enter. Repeat step 4 for a second gage. Double MB1-click on the first gage that was edited (in step 4).
	they are still applied by fieldgen	 load the MPE perspective in CAVE. from the top menu, select Gages>Gage Table in the MPE Gage Table window, select a gage with a value >= 0. Double MB1-click in the Edit Gage Value column for that gage. Enter a value different from the current one, and press Enter. Repeat step 4 for a second gage. Double MB1-click on the first gage that was edited (in step 4). Erase the entry using the backspace key, then press Enter.
	they are still applied by fieldgen	 load the MPE perspective in CAVE. from the top menu, select Gages>Gage Table in the MPE Gage Table window, select a gage with a value >= 0. Double MB1-click in the Edit Gage Value column for that gage. Enter a value different from the current one, and press Enter. Repeat step 4 for a second gage. Double MB1-click on the first gage that was edited (in step 4). Erase the entry using the backspace key, then press Enter. The Edit Gage Value column for the first gage is now blank.
	they are still applied by fieldgen	 load the MPE perspective in CAVE. from the top menu, select Gages>Gage Table in the MPE Gage Table window, select a gage with a value >= 0. Double MB1-click in the Edit Gage Value column for that gage. Enter a value different from the current one, and press Enter. Repeat step 4 for a second gage. Double MB1-click on the first gage that was edited (in step 4). Erase the entry using the backspace key, then press Enter. The Edit Gage Value column for the first gage is now blank. click the 'Save' button to close the MPE Gage Table window and return to
	they are still applied by fieldgen	 load the MPE perspective in CAVE. from the top menu, select Gages>Gage Table in the MPE Gage Table window, select a gage with a value >= 0. Double MB1-click in the Edit Gage Value column for that gage. Enter a value different from the current one, and press Enter. Repeat step 4 for a second gage. Double MB1-click on the first gage that was edited (in step 4). Erase the entry using the backspace key, then press Enter. The Edit Gage Value column for the first gage is now blank. click the 'Save' button to close the MPE Gage Table window and return to the hourly display.
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	they are still applied by fieldgen	 load the MPE perspective in CAVE. from the top menu, select Gages>Gage Table in the MPE Gage Table window, select a gage with a value >= 0. Double MB1-click in the Edit Gage Value column for that gage. Enter a value different from the current one, and press Enter. Repeat step 4 for a second gage. Double MB1-click on the first gage that was edited (in step 4). Erase the entry using the backspace key, then press Enter. The Edit Gage Value column for the first gage is now blank. click the 'Save' button to close the MPE Gage Table window and return to the hourly display. from the top menu select MPEControl>Regenerate Hour Fields.
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	they are still applied by fieldgen	 load the MPE perspective in CAVE. from the top menu, select Gages>Gage Table in the MPE Gage Table window, select a gage with a value >= 0. Double MB1-click in the Edit Gage Value column for that gage. Enter a value different from the current one, and press Enter. Repeat step 4 for a second gage. Double MB1-click on the first gage that was edited (in step 4). Erase the entry using the backspace key, then press Enter. The Edit Gage Value column for the first gage is now blank. click the 'Save' button to close the MPE Gage Table window and return to the hourly display. from the top menu select MPEControl>Regenerate Hour Fields. Click Yes in the confirmation popup. when the process completes and the popup closes, select Gages>Gage Table
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	they are still applied by fieldgen	 load the MPE perspective in CAVE. from the top menu, select Gages>Gage Table in the MPE Gage Table window, select a gage with a value >= 0. Double MB1-click in the Edit Gage Value column for that gage. Enter a value different from the current one, and press Enter. Repeat step 4 for a second gage. Double MB1-click on the first gage that was edited (in step 4). Erase the entry using the backspace key, then press Enter. The Edit Gage Value column for the first gage is now blank. click the 'Save' button to close the MPE Gage Table window and return to the hourly display. from the top menu select MPEControl>Regenerate Hour Fields. Click Yes in the confirmation popup. when the process completes and the popup closes, select Gages>Gage Table. locate the two gages edited previously. Expected result: the value for the first gage has remained unchanged, since

		The second gage displays the new value, input in step 5.
		Actual result: both the first and second gages display the new values.
		second scenario:
		1. following step 10. locate a third test gage.
		2 double MB1-click in the Edit Gage Value column for that gage
		2 enter a different value then hacksnace over it to cancel Do not press
		Fintar
		A double MR1-click on a different gage
		5 enters new value then nress Enter
		6 click the 'Save' button to close the MPE Gage Table window and return to
		the hourly display
		7 from the top menu select MPFControl>Regenerate Hour Fields
		Click Yes in the confirmation nonun
		8 when the process completes and the population closes select Gages>Gage
		Tahla
		9. locate the two gages edited previously.
		Expected result: the value for the first gage has remained unchanged, since
		the edit was cancelled.
		The second gage displays the new value, input in step 5.
		Actual result: the first gage now displays an 'M' (missing). The second gage
		displays the new value.
18707	MPF Gage	In the MPF Gage Table, if a column which has been selected as a sort-key is
10/0/	Table: column	moved, the sort-key indicator switches to a different column.
	sort indicators	
	do not move	To reproduce:
	when	1. load the MPE perspective in CAVE.
	rearranging	2. from the top menu, select Gages>Gage Table
	column orders	3. click on four column headers: note the column names and their sort-key
		number.
		In the attached screen capture GageTable_start.png, the "Multi-sensor
		Mosaic" is selected as sort-key 1.
		4. MB1 click-and-drag on one of the sort column number 1, and move it to
		the left or right.
		Expected result: the sort-key indicator moves with the column it was
		assigned to.
		Actual result: the sort-key indicator remains "stuck" in the same position
		which is now occupied by a different column.
		In the screen capture CageTable, move, column1 ppg, Multi conser Messic
		has been moved one column to the left
		Note that "Maximum Radar Mosaic" now displays the "1"
		In the screen capture GageTable move column3 png. "Gage Value" (sort
		column 3) has been moved to the left of "LID" (sort column 4). Gage Value
		now displays a "4", and LID a "3".
18589	MPE: Dailv OC	This was uncovered during some regression testing. in certain situations
	can sometimes	while editing the 6 hour values for a station and setting the 24 hour quality
	throw an error	code to Screened will cause upon any subsequent editing of this station to
	when setting 6	throw an error when bringing up the edit window. This is found that the data

	hour values	is considered outside of QC and is reset to Missing, but the value of the Qual
		code is a numeric value for Missing, but there is no such Qual code, this
		should not be allowed QC checks in the code should be fixing up the MIssing
		value and qc code to be a Time-Distributed value or an Estimate.
		The code appears to not have ever worked properly in this particular case.
		1. Load the MPE Perspective in CAVE.
		in the Choose Data Period window, click the 'Precipitation' button to load the Daily QC data.
		3. Open the Edit Precipitation Station window for a station with a mix of 2
		verified and 2 Time-Distributed six-nour periods. If needed you can manually
		edit the level 1 data file to produce this result for a test station.
		4. Edit the all four of the 6-hour values, then clicked 'Apply'> result: all 6-
		nour values changed to Manual.
		click Apply
		6. Verify that the 24-hour and all 6-hour values were set to "Screened". This
		should happen without throwing an error, currently this can throw an error.
18424	KRF- dailyQC is	There is a problem in the MPE Perspective. Daily QC is slow and
	slow and	unresponsive. In Daily QC, Zooming and Panning is very slow and jumpy. For
	unresponsive	example, zooming in by one level can take up to 5
	in the MPE	seconds. In panning there is a several seconds delay, making it difficult to
	perspective	use.
		In the AWIPS-1 version there is no delay. Nor is there a delay in any other
		cave features.
		Selecting data is also very slow compared to AWIPS-1 version
		This was a problem since at lest 14.3.1
		1. Load Cave and MPE
		2. In the Choose Hour dialog click the Precipitation button near the bottom
		3. Verify the screen redraws quickly and that you can pan and zoom without
		issue
		4. Repeat for Temperature and Freezing buttons
18414	KRF- color scale	John Lague called to state a problem with Color Scale in Post analysis in MPE.
	incorrect for	he is reporting that the zero in the legend means "greater than zero, less
	post analysis in	than or equal to 0.01".
	WIPE for the	with the current settings, the whole display is painted with "skyblue3"
	>= 0.00 and <	where values are < 0.01.
	0.01	You must be localized to a RFC for these test procedures to work. 1. Start CAVE.
		2. Open the Localization perspective.
		Expand Hydro Aps->Hydro->Apps_defaults->SITE.
		4. Set mpe_post_analysis to ON in Apps_defaults (if it is not already) and
		save the file.
		5. Open the MPE perspective.
		6. In the Choose Data Options window, click the 'Precipitation' button to load

		the Daily QC for precip.
		7. On the map display, MB3-click on a station to open the Edit Precipitation
		Stations window.
		8. In the edit window, either change the Station quality setting or one-or-
		more of the hourly values. Click 'Apply' then 'Close'.
		9. In the Edit Precipitation Stations window, click 'Render Grids+MAPs' .
		When the rendering process completes, the button will be deactivated.
		10. Verify the station updates accordingly.
		11. In the QC Precipitation Options window, click the 'X' in the upper right-
		hand corner to exit the Daily QC.
		12. In the Send to Database window, select the Precipitation check box then
		click 'Yes'. MPE returns to the hourly mode.
		13. Open a terminal window.
		14. Navigate to
		/awips2/edex/data/share/hydroapps/precip_proc/local/data/mpe/dailyQC/
		precip/grid
		15. Type: ls lrt
		16. Verify that data with a value of 0.00 is rendered correctly according to
		the legend. With default legend coloring, the left panel should be black
		rather than light blue / teal.
18293	MPE	MPE Perspective: sampling is limited by color scale. When sampling in MPE
	Perspective	(right mouse click - MPE Info), the value displayed is limited by the color
	sampling is	scale. For example, if the highest color scale value is 3.00 then that is the
	limited by color	highest value the sampling will display, even though the actual value might
	scale	be over 5.00. This is especially noted when displaying multi-hour QPE which
		could have large totals that may exceed scale value.
		1. Start MPE.
		2. Display MPE data.
		3. In the CAVE menu, select Polygons -> Draw Polygon.
		4. Draw a polygon and right-click to bring up the Edit Precipitation dialog.
		5. Adjust the slider in Adjust Precipitation value frame and set it to a value
		nigner than the maximum of the legend.
		 Click the "Set" button in the dialog. Diskt slick on the MDE normalities and called MDE info in the context.
		7. Right-click on the MPE perspective and select MPE into in the context
		Menu that is displayed. 8. Desition the mouse surser over the area of the polygon and verify that the
		MPE info display shows a value larger than the legend maximum
17206	MDE: only the	If user and/or office-level color scales are created and saved using the MPE
1/290	default color	Color Manager, they are not displayed for the PrecipField item they're
	scales are	assigned to Only the default color scale appears for every item
	displayed: user	ussigned to: Only the default color scale appears for every item.
	and office-level	Steps to reproduce:
	color scales do	1 load the MPE perspective in CAVE
	not	2. in the Choose Data Period window, adjust the date and hour to one with
		data (if necessary), then click Display MPF Data
		3. from the top menu, select PrecipFields, then select an item from the list
		Note: DP Average Radar Mosaic

		is used as an example.
		4. from the top menu, select Tools>MPE Color Manager.
		5. leave the Source field as Default. From the Data Type drop-down list,
		select DP Avg Radar Mosaic.
		6. compare the colors and values in the scale to those displayed in the
		legend at the bottom of the screen:
		verify that they match.
		7. double-click on the Duration field and enter "1".
		8. click on one of the color blocks in the upper scale. Using the Color
		Chooser, select a different color from the list and click OK. Repeat this for
		two or three other colors, in order to create a scale noticeably different than
		the default. When done, click Add/Update.
		9. click Save as: Office. Click Yes in the confirmation popup.
		10. from the top menu, select PrecipFields>DP Avg Radar Mosaic.
		Expected result: the color scale created in step 8 is displayed in the legend.
		Actual result: the default color scale is displayed.
17104	MPE	The Display7x7 Selection Combo box changes the displayed product from the
	Display7x7	CAVE Menu, over-riding any selection made from the Precip Fields menu.
	feature.	The main precip field grid should not update when the 7x7 combo box menu
	Displayed field	changes the precip field selection, and vice-versa.
	is not proper	
		1. Open MPE perspective
		2. Choose a date/time with data and 3. select Display MPE Data
		4. Select the Gages menu and then Display 7 x 7
		5. Click on a gage on the map and the 7x7 dialog opens
		Note the data type displayed in the map and the data type displayed in the
		dialog.
		6. Change the data type combo in the dialog
		7. Verify the 7x7 grid updates to the new data type and that the map does
10775		not change.
10//5	of the pap	Lead the MDE perspective in Cave
	on off setting	1. Todu the MPE perspective in Cave.
	gots out of	2. Verify that nan mode is on: the man display can be moved using click and
	sync when	2. Verify that pair mode is on. the map display can be moved using click-and-
	switching	and scrolling the mouse wheel will zoom the display in and out
	between the	3 Click on the nan button in the toolbar: it becomes de-selected
	MPF and Hydro	Verify that nan mode is off: neither click-and-drag or mouse-wheel zoom is
	nerspectives	working
	perspectives	4. From the top menu select CAVE>Perspective>Hydro to open the Hydro
		perspective.
		Note that pan mode is on when it loads: button is selected and mouse
		operations are working.
		5. From the menu select CAVE>Perspective>MPE to return to the MPE
		perspective.
		The pan button is displayed as being selected.
		Expected result: since the button is selected, the pan-and-zoom mouse
		operations are available.

		Actual result: the mouse operations do not work. It is necessary to click the
		pan button twice
		to enable pan mode.
14349	MPE - Map	After changing the view to split screen in MPE, and loading a field to the
	disappears	lower screen, and then changing the view back to full screen, the following
	from D2D	anomaly was encountered. When changing the projection to HRAP, the
	when selecting	State/County Boundaries map disappears from the display.
	a different map	
	projection	1. Launch CAVE and select the MPE perspective.
	. ,	2. Select the previous Hour and click on Display MPE Data
		3. Click on OK in the Data Not Saved dialog
		4. Select PrecipFields Field Bias Radar Mosaic
		5. Select Tools View Split Screen
		6. Holding down MB3 (right mouse button) in the lower screen, select Load
		To This Panel
		7. Select PrecipFields Gage Only Analysis
		8 Select Tools View Full Screen
		9 Select Projections HRAP - Man should display
13268	Symbol Sorting	While testing DR 15086 Lencountered a problem with the MPE Gage Table
15200	Indicators	sequence number sorting column headings. The symbol sorting indicators
	Missing from	(triangle symbol) are missing from the columns that contain number 4.3
	MPF Gage	and 2 (see attached screen print MPE Gage Table Sorting Indicator A2).
	Table	Also when I click the sorting indicator on the column containing number 1
	Tuble	the numbers 3 and 2 disappear and number 4 shifts to the column previously
		containing number 3 (MPE Gage Table Sorting Indicator A2(a)) I
		compared my finding with A1 where the MPE Gage Table contains the
		sequence numbers and the indicator symbols (see attached screen print
		MDE Gage Table Sorting Indicator A1)
		1 Load Cave and MPF
		2. Select an hour and click Display MPF Data
		3. In the Gages menu select Gage Table
		A Click various column beaders to sort the columns
		4. Click various column that was sorted has a little triangle to show the
		direction of the cort
200	MDE: Foult	The MDE Gage Table Column Selector 'selected items" list does not reflect all
205	with the Gage	of the columns displayed in the MDE Gage Table Section attached screen
	Table Column	canture files selector and and gage table and The Average Padar Mossic
	Selector	and Maximum Radar Mosaic are missing from the "Selected Items" list
		Furthermore after closing the Gage Table Column Selector changes to the
		table are observed, even though no changes were made in the Gage Table
		Column Selector, moving the borizontal scroll har of the MDE Gage Table the
		cells in the table become misaligned and the scroll bar can not be moved
		completely to the right Operationally the MDF GF Table would have to be
		restarted after closing and making changes in the Gage Table Column
		Salactor
10/01		BECs are receiving multiple errors when trying to save level 2 edits
19491	when soving	This is happening only when using the Group Edit dialog and for when taking
1	when saving	This is nappening only when using the droup cut didlog and/or when trying

	Level 2 Data in	to save from the main menu null down MPE Gages -> Save Level 2 Data
		A workaround has been found to save data, if you do not use the Group Edit
		dialog to make edits and do not use the Save Level 2 Data menu ontions, you
		dialog to find the edits and do fiol use the Save Level 2 Data menu options, you
		can, when done with edits, exit the QC Options dialog with the X in the
		corner and you get a prompt to save, at this point you can check the type of
		data to save and proceed. This has been found to work.
		This is confirmed at TIR, ACR, and ORN RFCs.
		1. Open MPE Perspective
		2. Pick a time that has data and click Display MPE Data.
	1	3. Click on menu MPE Control -> Choose Hour.
		4 At the bottom of the dialog select previous day as the date, and click
		Precipitation button
		5 Make edits to gage values by right clicking on the gage
		5. Click on monu MDE Caros > Save Level 2 Data
		0. Click on menu Nire Gages-> Save Level 2 Data.
		7. Check Precipitation and Save the data.
		8. Make additional edits using the Group Edit dialog.
		9. Exit Daily QC by clicking red "X" on the QC Precip Options dialog.
		10. Save this data as before.
10478	MPE 6/24hr	In the 6/24 hr mode, the "up" and "down" options on the grid legend do not
	Mode: Grid	work properly.
	Legend Options	
	Problem -	1. Open 6/24hr MPE and choose a time period with data.
	TTR5982	2. Choose Render Grids+MAPs.
	1	3. After grid is displayed, click on legend.
		4. Choose "up" or "down" option. Chooses "off" to return legend and display
		to normal.