

MATS for EMB - closed/resolved issues by project since date

#	Priority	Subject	Updated	Status
ceiling (1)				
34065	4 - Normal	Mis-spelling of "cloud"	09/15/2017 10:23 AM	Resolved
Default value for Threshold shows as "60000 (any cloud)". Change cloud to cloud. In database?				
mats_common (2)				
35054	4 - Normal	Remove "Application ..." from static.html	09/15/2017 10:21 AM	Resolved
34255	4 - Normal	need to modify the curve Item color selector to include an editable rgb field along with the color picker	09/15/2017 10:14 AM	Resolved
need to modify the curve Item color selector to include an editable rgb field along with the color picker				
MATS for EMB (16)				
38032	2 - Urgent	make the new public URL access to mats work properly	09/15/2017 10:20 AM	Resolved
This is pretty difficult as it turns out. Had to get WAF routing working, then redeploy the public apps under gsd/mats subdirectories, rework the resource loading in MATS, and make any non relative links relative.				
38030	2 - Urgent	add instrumentation for queries and processing to data requests iin the dataLineage modal	09/15/2017 10:13 AM	Resolved
This allows us to get immediate feedback on query performance for long running plots.				
37907	5 - Low	Simple misspelling	09/15/2017 08:23 AM	Resolved
Hi all, On an upper air figure, there was this line at the bottom: "Error Bars show 95% confindence". Confidence is misspelled. Dave				
37507	1 - Immediate	Summary stats are missing	08/30/2017 02:13 PM	Resolved
Primary apps don't have summary at top of text for Time Series. Profile is ok. Probably broken in Die-off also.				
37504	1 - Immediate	Version reported are not correct	09/14/2017 01:54 PM	Resolved
Dev is older than Prod currently. Plus prod should show only prod version, and dev should show only dev version.				
35159	2 - Urgent	Reset to Defaults does not use same default variable as initial screen	09/12/2017 01:57 PM	Resolved
Refresh screen, go to MATS home, select Upper Air. Default value for Variable is temperature. Don't change anything. Click Reset to Defaults. Variable changes to winds. This if pretty frustrating and can easily lead to plotting something different than intended when running through plot definitions quickly.				
35150	4 - Normal	test dup	09/15/2017 10:21 AM	Closed
30512	4 - Normal	editing a curve should properly set the edit panel dependant selectors.	09/15/2017 10:31 AM	Resolved
It appears that the dependent selectors are not always being reset when the edit curve button is clicked. The selectors should all reflect the values in the curve, and they seem to, but the options of the dependent selectors are sometimes not being reset properly.				

#	Priority	Subject	Updated	Status
30510	3 - High	restore settings should set the edit panel to defaults.	09/15/2017 09:21 AM	Resolved
It appears that after a restore settings the edit panel is not always being reset to defaults.				
29960	1 - Immediate	Change so that plot frame can be popped out from web page - as is now done in Bill's app	09/12/2017 01:47 PM	Resolved
Requested by Steve Weygandt.				
Steve likes to have many plots on his desktop. Make MATS look like Bill's where the plot itself pops out from the main MATS web page, so that multiple plots can be popped out.				
Note that Bill's app currently only allows one text window (the most recent). It would be better to leave MATS with current option to toggle between plot and text for each plot.				
29959	1 - Immediate	Change so that plot params for all curves always show in UI - as per Bill's app	09/12/2017 01:50 PM	Resolved
Requested by Steve Weygandt. In Bill's app, each curve has a block where the user can see the parameters that have been set and can modify them. Currently in MATS, the full parameter selection menu only shows for the latest or next curve. Selected values are reflected in the plot title text, but this is hard to read and interpret.				
Make MATS look like Bill's.				
This might be 2 steps: 1) Display all parameters in a menu-like display, but is not selectable. 2) Implement a mechanism for changing menu entries directly in the display from (1) above.				
Priority is just to get step 1 implemented. Step 2 can be considered at a later time.				
29819	3 - High	Don't plot error bars for difference curves if plot-unmatched	09/14/2017 01:58 PM	Resolved
From email between Bonny and Bill on 3/2/17:				
Bill, I've doing some testing on MATS comparing to the output of your apps. I've been running UA Profile, comparing GFS and FIM for RMS of winds at 12hr forecast, with and without diffs and errors, and with plot matched and unmatched				
It looks like you cannot get error bars with plot-unmatched on Profiles, though you can on Time Series? Is this what you expect?				
Bonny				
Reply from Bill: Well, the only thing you REALLY shouldn't have when unmatched is error bars for the difference curve(s). For the profiles, I simply turn off all the error bars when things are unmatched. For the TS, I got smarter (or less lazy), and only turn off error bars for the difference curves when unmatched.				
For MATS, it would be good to disallow error bars only on difference curves when unmatched, as I do with the TS plots.				
29719	3 - High	add all models into MATS	09/15/2017 09:23 AM	Resolved
Need to get all models that are in the current database available in MATS.				
29380	4 - Normal	Build test framework	09/15/2017 09:53 AM	Resolved
This is a top level task to track sub-tasks that need to be added as part of a MATS test framework.				
Need to cover test scenarios, automated testing, test data in database - and more.				
28573	4 - Normal	Date defaults are based on local time rather than UTC	09/15/2017 10:29 AM	Resolved
All time info should be in UTC. Default dates that come up in UI are based on local time. For example, while testing at about 7 pm on 1/25/2017, the default dates that came up were 12/26/2016 19:07 - 1/25/2017 19:07. By UTC time, it should have been 12/27/2016 02:07 - 1/26/2017 02:07.				

The result was that it didn't pick up a cycle that initialized on 1/26/2017 00:00. (I was testing something with forecast len = 0). We need to be aware of this when comparing MATS output against existing Moninger output.

This appears to be in all MATS apps. I've confirmed it in Upper Air and WFIP2.

The workaround is to manually set the date/time to the desired UTC

28441	2 - Urgent	scatterplot many variables not available for stat other than mean	09/12/2017 01:54 PM	Resolved
-------	------------	---	---------------------	----------

For scatterplot, for data-source of HRRR WFIP, if select stat of mean, then have a list of possible variables including Pressure or Latent Heat Flux. If select stat of bias, then only vars available on wind direction and wind speed.

Upper Air (3)

34268	3 - High	the statistical mean values do not match the ruc stats application exactly - see saved settings haidao_upper_air_mean_v1_v6_b	09/15/2017 09:22 AM	Resolved
-------	----------	---	---------------------	----------

the statistical mean values do not match the ruc stats application exactly - see saved settings haidao_upper_air_mean_v1_v6_b

34063	4 - Normal	feedback is going only to Randy	09/15/2017 10:23 AM	Resolved
-------	------------	---------------------------------	---------------------	----------

Investigate why it is not also going to Bonny, Jeff, and Kirk.

33960	3 - High	Implement "Sticky" settings.	09/15/2017 09:24 AM	Resolved
-------	----------	------------------------------	---------------------	----------

Sticky settings will persist across changes in the superior values. Better yet - just make sure that if the current dependent value is a valid possibility in the new scenario (like a superior change) just keep the current value.

WFIP2 (EVS) (31)

36994	2 - Urgent	Nedd to add a valid time control to wfip2	08/30/2017 02:15 PM	Resolved
-------	------------	---	---------------------	----------

Wfip2 needs a valid time control similar to the one on surface.

36990	2 - Urgent	wfip2 scatter plots are pretty broken	08/30/2017 02:16 PM	Resolved
-------	------------	---------------------------------------	---------------------	----------

Recent changes to parameter handling have broken scatter plots. This needs to be addressed

36951	1 - Immediate	Keep previous selections	08/11/2017 01:38 PM	Resolved
-------	---------------	--------------------------	---------------------	----------

Site selector should try to maintain previous selections by user, rather than bringing in default values.

Joe says would be better to have a selector be invalid than something that user doesn't notice.

36723	4 - Normal	Data Lineage missing queries	08/30/2017 02:17 PM	Resolved
-------	------------	------------------------------	---------------------	----------

When statistic other than mean is selected, the queries structure accessible from the 'Data Lineage' button only contains the 'truth-data-source' queries. It should also contain the 'data-source' queries.

36505	1 - Immediate	mats version info missing	08/11/2017 01:42 PM	Resolved
-------	---------------	---------------------------	---------------------	----------

No text following: "MATS version" found on main page of all apps (plus plotting page)

36504	3 - High	pop-ups not showing curve data correctly	08/30/2017 02:20 PM	Resolved
-------	----------	--	---------------------	----------

from dev load save set 'klh - aug 16 retro1 TS 1 to 18 & ssf'

Time series (one point per fcst time) for hrs 1, 2, 3, 6, 9, 12, 18 plus the single cycle forecast (blue)

--> on the plot the pop-up always shows data from the last curve

36503	4 - Normal	single cycle forecast stop after 7 hours	09/15/2017 08:49 AM	Resolved
-------	------------	--	---------------------	----------

from dev load saved set 'klh - aug 16 retro1 TS 1 to 18 & ssf'

Time series (one point per fcst time) for hrs 1, 2, 3, 6, 9, 12, 18 plus the single cycle forecast (blue)

--> SSF overlays individual fcst hours as expected

--> this case does show the single cycle forecast stopped after 7 hours as you had noted

34811	5 - Low	MATS new app window lacks scroll bars	09/15/2017 10:34 AM	Resolved
-------	---------	---------------------------------------	---------------------	----------

add scroll bars to new app window

work around: use the browser's ability to zoom out

34727	1 - Immediate	Cancel Remove still deletes curves	08/11/2017 01:40 PM	Resolved
-------	---------------	------------------------------------	---------------------	----------

If I create a curve, do Add Curve. Then start creating a 2nd curve, select Reset to Defaults. A box pops up that says "Remove All Curves?" with 2 buttons "Cancel the Remove" or "Remove all the curves".

"Cancel the Remove" has the exact same effect as "Remove all the curves" - existing curves are removed.

Seen on both mats public and mats-dev

34672	2 - Urgent	strange behavior in wfip2 gui selectors. Dependent defaults are being chosen incorrectly when changing superior selectors.	08/11/2017 01:49 PM	Resolved
-------	------------	--	---------------------	----------

We observed strange behavior when a data source was being selected. Sometimes the dependents, like the variable selector) was getting its option list corrupted.

34671	3 - High	Surface radiation datasourced plots are ahead by 59 minutes.	08/11/2017 02:02 PM	Resolved
-------	----------	--	---------------------	----------

We discovered in an V and V meeting on the 30th May that our plots that have data source surface radiation (which is one minute data) are ahead by 59 minutes. This is most likely due to how we sample the one minute data to make it align with the one hour model data that we were looking at. The solution is most likely to average from 1/2 of the cycle time earlier than the data point to 1/2 of the cycle time after the data point, instead of sampling. This is more complicated, though, because to really do it correctly we should really investigate progressive temporal resolution. This would involve picking the range over which we average to be some subset of the one hour model time, based on how large the requested time range really is, and how much data is really in that range.

33959	4 - Normal	The show / hide points mode gets out of sync in certain circumstances having to do (possibly) with the printPreview mode	09/15/2017 08:48 AM	Resolved
-------	------------	--	---------------------	----------

30564	3 - High	apparently the map api has changed and there is now an error preventing the sites map from working.	08/11/2017 02:01 PM	Resolved
-------	----------	---	---------------------	----------

Error: No value provided for variable {apikey}
at http://localhost:3000/packages/bevanhunt_leaflet.js?hash=47e76eb91b01c8aed54d476bb02763227861a1e4:228:11
at RegExp.[Symbol.replace] (<anonymous>)
at String.replace (native)
at Object.template (http://localhost:3000/packages/bevanhunt_leaflet.js?hash=47e76eb91b01c8aed54d476bb02763227861a1e4:224:14)
at NewClass.getTileUrl (http://localhost:3000/packages/bevanhunt_leaflet.js?hash=47e76eb91b01c8aed54d476bb02763227861a1e4:5716:17)
at NewClass.createTile (http://localhost:3000/packages/bevanhunt_leaflet.js?hash=47e76eb91b01c8aed54d476bb02763227861a1e4:5689:19)
at NewClass._addTile (http://localhost:3000/packages/bevanhunt_leaflet.js?hash=47e76eb91b01c8aed54d476bb02763227861a1e4:5416:19)
at NewClass._update (http://localhost:3000/packages/bevanhunt_leaflet.js?hash=47e76eb91b01c8aed54d476bb02763227861a1e4:5313:10)
at NewClass._setView (http://localhost:3000/packages/bevanhunt_leaflet.js?hash=47e76eb91b01c8aed54d476bb02763227861a1e4:5180:10)
at NewClass._resetView (http://localhost:3000/packages/bevanhunt_leaflet.js?hash=47e76eb91b01c8aed54d476bb02763227861a1e4:5152:8)

30194	2 - Urgent	Scatterplot "apply to X axis" not working	08/30/2017 02:18 PM	Resolved
-------	------------	---	---------------------	----------

Currently, if I do "Apply params to X axis", it still shows "XAXIS NOT YET APPLIED" and does not allow setting Y axis.

(However, I can do Add Curve, then Edit Y Axis.)

30133	2 - Urgent	Upper Air Profile has only one date in default	08/11/2017 01:54 PM	Resolved
-------	------------	--	---------------------	----------

With latest release, the default includes only one date whereas it used to have 2 dates for a range. Cannot create a plot without selecting a second date for the range.

#	Priority	Subject	Updated	Status
29975	2 - Urgent	Change default time to midnight rather than current time	08/11/2017 01:55 PM	Resolved
<p>For time series and profile, the default dates for the past month include an hour. Currently, the default hour uses the current time of the user's system, but then that is assumed to be UTC with no conversion.</p> <p>After discussion, team decided that best behavior would be for default hour to be midnight of start and end dates (which also matches the behavior in Bill's apps.) Ideally this should be 00:00 of begin date and 23:59 of end date (=current date). Alternatively, could set end date to 00:00 of current date + 1 day.</p>				
29333	4 - Normal	need to rework profiles in wfp2 to better match or to use data utils for legacy apps and to add error bars	09/15/2017 08:42 AM	Resolved
We need to add error bars to wfp2 profiles and at the same time fix the negative labels on the text output				
28582	2 - Urgent	change edit and plot buttons on scatterplot	08/11/2017 01:51 PM	Resolved
<p>To edit scatterplot, should have 2 edit buttons: one for x-axis and one for y-axis.</p> <p>Also, should not have plot-unmatched and plot-matched. Have only one plot button</p>				
28272	3 - High	if data is partially missing, plot what is available	09/15/2017 08:29 AM	Resolved
If plot 2 or more curves, and no data is available for one curve, get an error about "0 data records found" and no plot. If data exists for one curve, should plot what is available.				
28180	4 - Normal	Error when WFIP app starts up in Firefox	09/15/2017 08:44 AM	Resolved
I get an error when I start up mats (public) in firefox. When I first select WFIP2, it comes back with the error "Error in select.js refreshPeer: event is not defined". If I go to UpperAir app I don't get it, and I don't get it on chrome.				
25781	2 - Urgent	plot doesn't use full screen space available - need to add resizing of graph	09/15/2017 08:52 AM	Resolved
Plot doesn't use full width available, as defined by length of curve labels. See attached example.				
25682	4 - Normal	curve label doesn't fill in correctly when editing a curve	09/15/2017 08:47 AM	Resolved
<p>When editing a curve, it shows something like "editing C-4" across the top, but the field for "Label" shows the label of a new curve, which is rather confusing. See attached image.</p> <p>Testing with version 1.2.2016/10/21/22:09</p>				
23253	1 - Immediate	add error bars to WFIP	08/11/2017 01:43 PM	Resolved
Add error bars for stats other than mean for time series and profile.				
23198	4 - Normal	Allow for instruments within same network to have different sample rates	09/15/2017 08:41 AM	Resolved
Currently, all instruments within a given network, e.g. "Profiler_915" all have the same sample rate, and code is written assuming this to be true. In future, it is likely that some instruments will have different sample rates. Need to modify code to allow for different sample rates.				
23153	2 - Urgent	Add N to summary stats	08/30/2017 02:19 PM	Resolved
<p>Summary stats at head of Text Isiting should have a field added for N (number of items in calculation)</p> <p>Version 1.2.2016288</p>				
23148	4 - Normal	More than one diff curve on time series throws an error	09/15/2017 08:39 AM	Resolved
<p>Attempting to plot more than one diff curve on TimeSeries, matched or unmatched, throws this error:</p> <p>matsMethods.getGraphData from plot_list.js : error: Error: Internal server error [500] c_callback (https://mats.gsdl.noaa.gov/wfp2/d6bbd9669743a8d7dfd1595288849ea52310a2e8.js?meteor_js_resource=true:3:7449)</p>				
23147	4 - Normal	Value of selector sometimes displayed twice	09/15/2017 08:38 AM	Resolved
After repeated runs, the value that is shown for forecast length (or other selectors) is sometimes show repeated. For example, after selecting forecast length = 6, it displays "66" for forecast length. Sometimes it has also				

shown "30" when previous selection was 0 and current selection is 3.

It appears that this is a display issue and does not affect data in plots.

Version 1.2.2016228.

23143	4 - Normal	Default values change	09/15/2017 08:48 AM	Resolved
-------	------------	-----------------------	---------------------	----------

Sometimes the default values in the selectors change. I particularly have noted forecast length. Originally it is 0, but after doing a number of plots, it starts going to a recent used value, e.g. 6. In this case, after clicking "Reset to Defaults" or after refreshing the browser it will go to 6. After another bunch of plots it may change to some other value.

Seems to be random. Cannot find a sequence that reproduces it.

This is not browser dependent. Saw it change the same while running one client in chrome and one in firefox.

Also, when Randy restarted the web server, it reset the defaults to their normal values. Had been testing and forecast len was showing 3. After restart it went to 0.

Running 1.2.2016288

21244	5 - Low	Text on 'hide curve' and 'hide points' buttons not updating properly	09/15/2017 10:39 AM	Resolved
-------	---------	--	---------------------	----------

If 'hide curves' or 'hide points' is set to 'show' when the 'Back' button is pressed they will not update when a curve with the same label is plotted again, and will read 'show' even if the curve is already visible.

1. Plot a curve
2. Press 'hide curve'
3. Hit 'back' and plot the curve again
4. Look at the 'hide curve' button

21238	4 - Normal	Curve text should be updated	09/15/2017 08:37 AM	Resolved
-------	------------	------------------------------	---------------------	----------

Completeness is not part of the curve text and discriminators are a part even when they aren't being used (I think).

1. Add any curve
2. Look at the curve text

21236	5 - Low	Region selector moves	09/15/2017 10:32 AM	Resolved
-------	---------	-----------------------	---------------------	----------

Not a serious issue, but changing the value of any selector moves the 'region' selector to the right a few pixels.

1. Refresh the app
2. Change any selector while watching 'region'