

Swift Update Log

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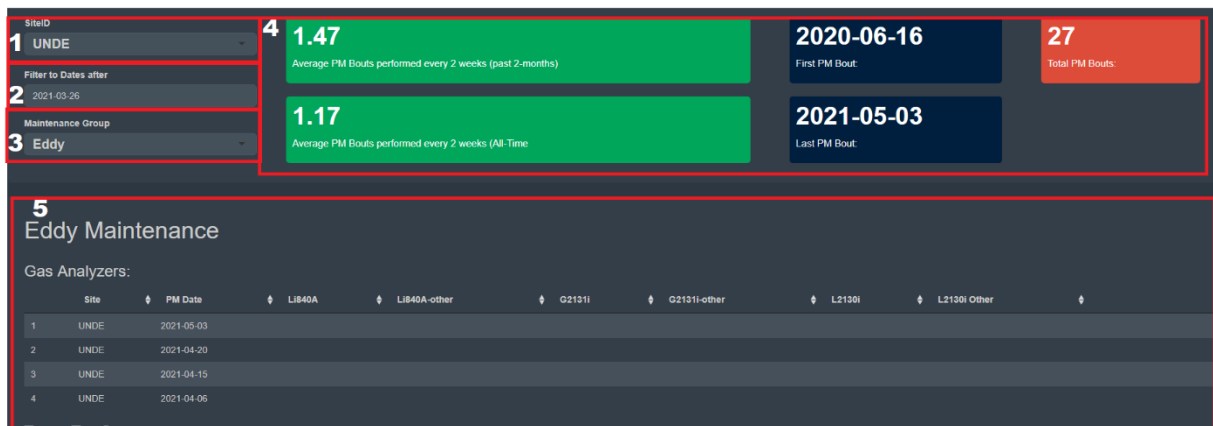
This log will detail any minor/major changes to the Swift application as the continuous development proceeds, keeping occasional and power users aware of any changes that may impact their work. If you have a question or concern about an update, **PLEASE** email or IM the maintainer. With your help we can continue to serve up helpful data for all NEON teams.

0.9.5 – 2121-05-5

- **Gas Cylinders:** Updated location for data to be read from, should improve speeds by 60%. Also added script to update differentials daily.

0.9.4 – 2021-05-04

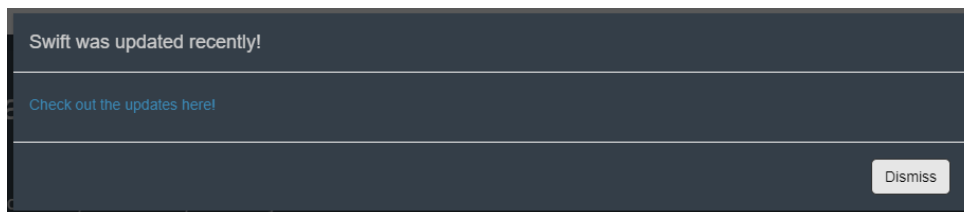
- **QFQM:** Temporarily disabled as we implement a better version...
- **New Feature: TIS Maintenance**
- This addition will allow for users to quickly query their maintenance data from Fulcrum from the same location they can access other troubleshooting data. More coming in future releases!



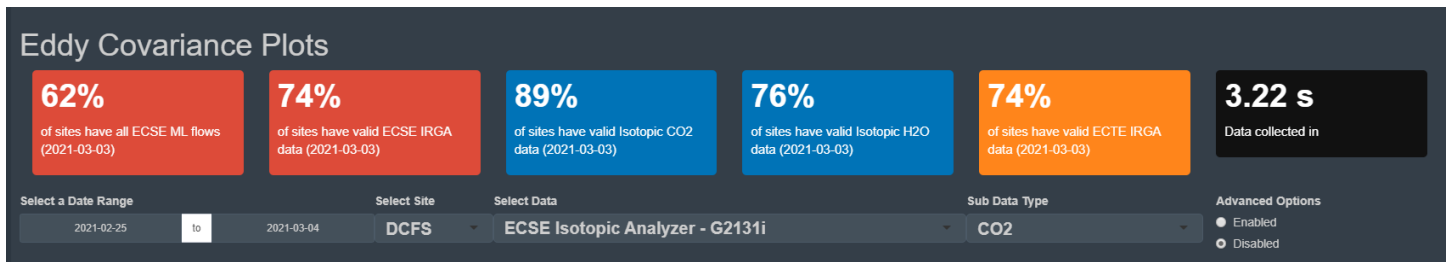
- How to use this new tab:
 1. Select the TIS site for which you'd like to observe maintenance data
 2. Select the data after which you'd like data from. Ie I want PM data after 2021-03-26
 3. Select the group of data you'd like to inspect (Tower, Soil, Eddy, DFIR, Comments)
 4. Value boxes that show useful info such as the 2-week PM bout frequency (ideally 1)
 5. The actual maintenance data collected in the field via the (TIS) Maintenance [PROD] Fulcrum application

0.9.3 – 2021-03-04

- **Overall:** Added "popup" text modal to UI to tell users when they log in there has been updates



- **Eddy Co Tab:** Reduced size of "Data Collected in:" value box
- **Eddy Co Tab:** Fixed failed plotting for Li840 Co2/H2o when no valve data was found
- **Eddy Co Tab:** Added value boxes for network wide validity calculations of the core EC sensors



- **Gas Cylinder Tab:** Fixed bug where upon deleting the currently selected site in the “Select SiteID” input would crash the app.

0.9.2 – 2021-03-03

- **Home Tab:** Adding change log to home tab for users to easily access latest changes

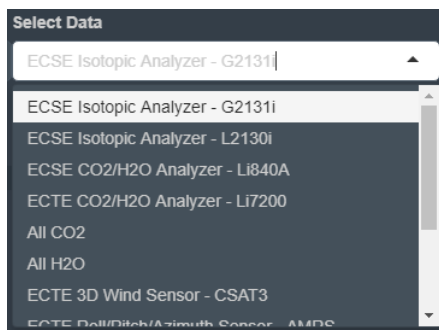
0.9.1 – 2021-03-03

- **Overall:** Fixed library calls on den-prodshiny-1, aws.s3 libraries could not be installed on server
 - This update will only be applied to the shiny server stack, not the ISSOM stack

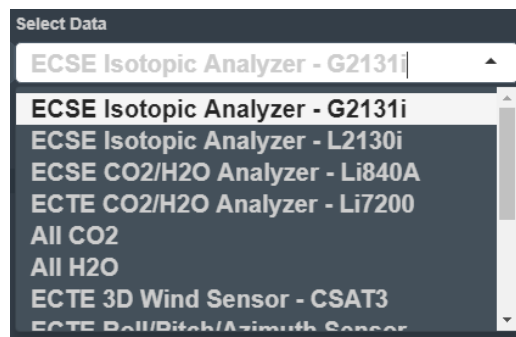
0.9.0 – 2021-03-02

- **Overall:** Adding padding around all tables in the app
- **Overall:** Changed all plot point colors to be more visible in dark mode
- **Overall:** Change text size, face, and color for selectInputs so that text is clearer when selecting an option.

Before:



After:



- **Eddy Co Tab:** Fixed CSAT3 plotting bugs
- **Eddy Co Tab:** Fixed “All Co2/H2o” plotting bugs
- **Eddy Co Tab:** Change names of columns, “strm_name” now is “Stream Name.”
- **Eddy Co Tab:** Changed plotting logic for all “Sample Valve” plots to be more robust/precise
- **Eddy Co Tab:** Changed “good data” threshold alphas from .2 to .4 for more visibility in dark mode