August 2021- GAE Correspondence

Reminders:
- We post the reboot schedule to the GAE and Training calendar when we get it, presently we don't have the next month's schedule yet.

NEW GAE Welcome-
- Eamon Engber (NPS GB,OS, ON, NW)
- Richard Sinkovitz (BLM SW)
- Lawrence Thompson (BIA NR, RM)
- Please continue to let us know as you become of aware of GAE changes for your agency.

RDA Staffing
- Long-time RDA team member Mitch Burgard is retiring at the end of August.

Common Issues and Resolution
- **ERC discrepancies -** In July we messaged GAEs and Analysts when we found that ERC G values in WFDSS were not in alignment with those calculated in WIMS/Fire Family Plus (we worked with Matt Jolly). Reminder: WFDSS uses the obs from WIMS but calculates ERC G from within WFDSS. We are still researching the root cause of this issue, and are looking into the carry over 100 and 1,000 hour dead fuel moistures. In the meantime, we are repulling observations from WIMS on a daily basis which forces a daily recalculation of ERC G in WFDSS and results in values that are in alignment with WIMS/Fire Family Plus. We also messaged the analysts that they should NOT copy FSPro runs that were created (or copied) prior to July 31, as doing so will results in the bad ERC G values remaining the ERC stream.
- **Landscape requests for analysis -** On Aug. 5th, we did an emergency release to fix an issue where LCP requests were infrequently getting stuck in-process, requiring manual intervention. This release fixed the issue, though other intermittent LCP issues remain.
- **Uploading multiple perimeters into one fire record –** WFDSS is designed with the idea of a 1:1 relationship between decisions and wildfires. Similarly, WFDSS is built in a way that when a perimeter is uploaded/drawn for an incident, the perimeter data are dissolved and the data becomes associated with that incident. Each fire should have the perimeter for just that fire regardless of what the decision covers. If the decision covers more than one incident a map capture can be taken from a variety of places showing all the fires and added to the decision content. Any deviation from one fire/one perim will cause the WFDSS Fire Since 1/1 layer to be inaccurate and will later pollute the WFDSS historical perimeter layers. It also runs the risk of inaccurate calculated acres being passed to the Fire Reporting system and elsewhere via IRWIN. **Attached is a more thorough write up**. We will have this information published in the WFDSS Help soon so it can be more easily shared. This is not new; WFDSS functions this way and passed calculated acres to IRWIN for some time.
- **KBDI Disabling –** This only effects the Eastern GA, KBDI LCP has been disabled. We found that our KBDI calculations were inaccurate and rather than risk people using inaccurate data, chose to temporarily disable them while we work to correct the issue. The regular Landfire LCPs are still available and users can use edits to adjust fuel models.

Classic WFDSS O&M Update/Status
- Reminder that we are still having daily evening NFDSC calls at 1900 Mountain Time. The intent remains to dialogue on needs for LTAN/SOPL/FBAN/WFDSS Drivers/THSP between GAs to attempt to take advantage of resources that might not be in IROC because they aren't available for a full 14 or for partial days or virtual only. All GAs have been active on these calls- Thank You. If you haven't joined and you want to please do. All GAEs should have received the initial invite; if you need it again contact Morgan Pence or Rick Mowery.
- There are currently no planned releases until after fire season wanes.
- With the shift in release date for Next Gen to the Fall of 2022, we will be shifting our focus for the fall and winter to include mandatory upgrades to ensure WFDSS is usable for fire season 2022.
- We have started the process of loading AK Landfire data now that it is available.
- Monthly reboots are posted to the Calendar when we have them. We make every effort to post a system message for planned and unplanned impacts to the system.

IRWIN Updates
- The IRWIN team is planning for a 7.x release and not a V8 in 2022. At this time we do not yet know what changes will be in the 7.x release.

Geospatial Data
- The RD&A data team is experiencing some staffing challenges that have affected our data loading schedule. We hope to have a resolution to those issues shortly. Please contact Morgan and Andrew if you have questions about specific data layers, including timing or prioritization. We are attempting to prioritize data loads based on relevance to agency policy, followed by remaining critical infrastructure layers.
- A Sage Grouse Habitat update was loaded to production in July.
- Aquatic Retardant Avoidance Areas has been refreshed with 2021 data in Training and Production.
- Terrestrial Retardant Avoidance is in our QA environment and should be refreshed with 2021 data within the next week.
- Work continues on an update to the Jurisdictional Agency/Unit dataset.
- Work on BLM Admin areas is beginning soon.

WFDSS Next Gen
- The WFDSS NextGen Team has acquired a User Acceptance Testing (UAT) environment and is currently working on the iNAP integration for authentication.
- When iNAP integration is complete work will begin on the configuration of the Training and Production environments and User Groups will be engaged on application feedback sessions.
- Text Control, the rich text editor is being deployed in the application and should improve user experience for pasting into NextGen from Word.
- Work continues on ability to draw, copy, and upload user created shapes.

IFTDSS
- The RDA Product Owners are testing IFTDSS in preparation for moving the application to its new cloud hosting environment on SAIC AWS. Aiming to be moved this fall (Sept/Oct)

- The RDA IFTDSS Data team is working on updates to the fuels treatment data service that feeds FTEM
- Work with the FTEM steering committee to implement batch upload for FTEM is on pause until the new SAIC AWS hosting environment move is complete
- Continuing work with Enterprise Team to build tech transfer materials for the IFTDSS Quantitative Risk Assessment
- Continuing work with NAFRI to build tech transfer materials for how to leverage IFTDSS for Prescribed Burn Plan Writing
- Nicole Valliant will be finishing her detail with R5 and will return to the IFTDSS team this month!!!