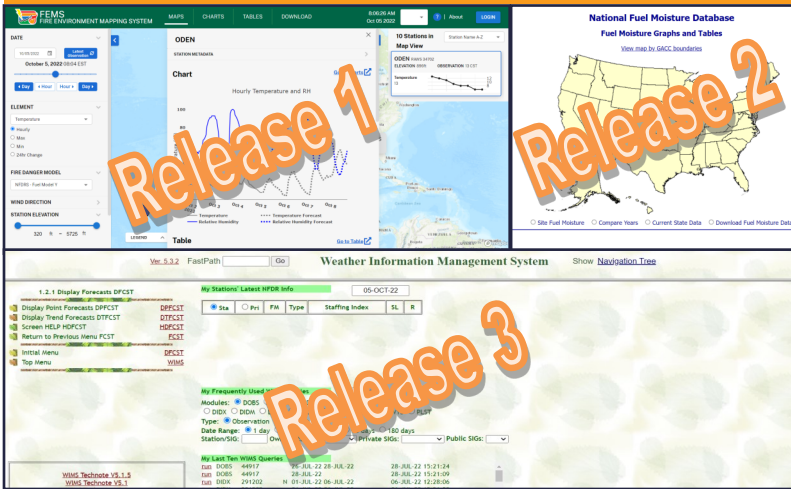




# FIRE ENVIRONMENT MAPPING SYSTEM



## FEMS 2023 Releases

- ⇒ **Release 1** will deliver RAWs observations and forecasts on an interactive map.
- ⇒ **Release 2** will deliver the full functionality of the National Fuel Moisture Database within the FEMS UI.
- ⇒ **Release 3** will deliver the full functionality of the WIMS application with the FEMS UI.

Fire Danger: Supporting Fire Management Decision Making

2022 OCTOBER

# NEWSLETTER

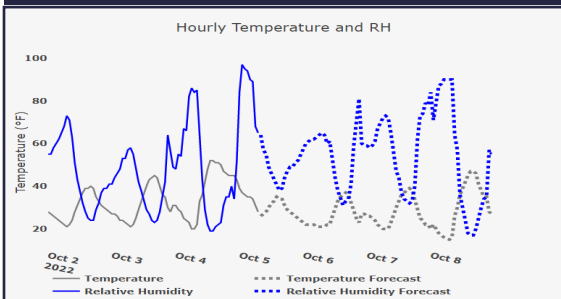
## Release 1—RAWS Weather

- Release 1 is scheduled for March 2023
- This release will deliver weather observations and forecasts for permanent RAWs, viewable in the FEMS interactive map.
- In addition, the data will be available to download.



## ABOUT THE WEATHER DATA

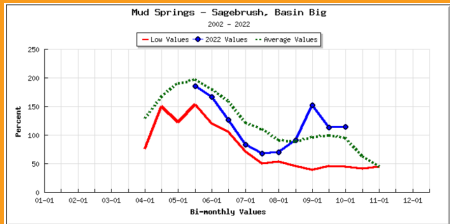
- ⇒ 20 years of historical data will be available for all permanent RAWs. (This may be less for newer stations)
- ⇒ The historical data has been QA/QC'd including adding data to fill gaps, by the Desert Research Institute (DRI).
- ⇒ The 7 Day weather forecast will be available for all permanent RAWs. Each forecast is provided by NOAA and is sourced from the National Digital Forecast Database (NDFD).
- ⇒ The most recent 14 days of observations and the forecast will be viewable for public users. Authenticated users have access to the full historical archive.
- ⇒ Authentication will be handled through e-Auth/iNAP. More details to follow.



▶ <https://famit.nwcg.gov/>

### Release 2—Field Samples (formerly NFMD)

- Release 2 is scheduled for May 2023
- This release will deliver the full functionality of the National Fuel Moisture Database (NFMD) within the FEMS User Interface.
- Additionally, this Field Samples Release will allow users to enter new types of samples, such as: Fuel Loading, Water Table Level, Soil Moisture, etc.
- All historical data will be migrated from NFMD to FEMS.
- The NFMD will be deprecated following this release.



### What do sample site owners need to know?

Authorization access to edit field sample data or group administration will be handled through the e-Auth/iNAP process.

If you currently have edit access to a Fuel Moisture Sample Site or Group you will need to have an Inap account set up with proper permissions.

This process is not ready yet and a transition will be handled by the FEMS team.

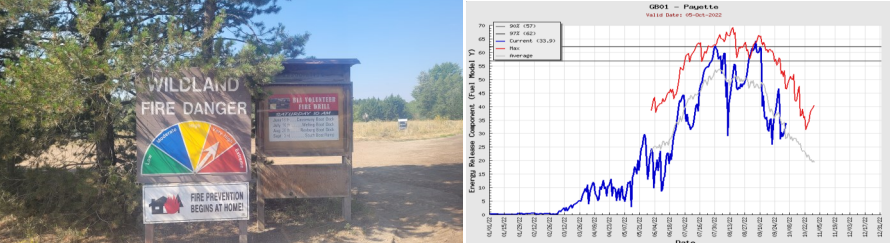
### Release 3—WIMS Replacement

- Release 3 is scheduled for December 2023
- This release will deliver the full functionality of the Weather Information Management System (WIMS) within the FEMS User Interface.
- The transition from WIMS to FEMS will begin in January 2024 and will allow sufficient time (up to one year) for all station owners to receive training and gain proper permissions in the new system.



A rollout plan is being developed to address the following transition needs:

- Communication
- Training
- Help Desk Support
- iNAP Roles and Permissions



Visit the FEMS [website](#) to learn more about the Fire Environment Mapping System, and to sign up for newsletters and notifications.