



FIRE ENVIRONMENT MAPPING SYSTEM

FEMS 2.2 Release Notice

Date: August 8th, 2024

Version: FEMS version 2.2

Description: The 2.2 Release is an update to the 2.1 release and includes the following changes.

Contacts Updates

- Contacts data was updated to include Group and Area information.
- When adding or editing a Contact, the fields now specify Government Email and Government Phone.
- The system now prevents a FEMS Admin or Field Sample Area Editor from adding duplicate contacts.

Field Sample Updates

- Entered and Last Modified Dates now display as part of the sub-sample data.
- When entering sub-sample data, you can now include a Container #.
- The system prevents a user from adding duplicate samples to a site.
- Area Name and Group Name hyperlinks were added to a Site's "breadcrumb" trail that displays when a Site is selected in Field Samples. If you click the Area link, the system displays data on the screen for the selected Area. If you click the Group link, the system displays data on the screen for the selected Group.
- Users can now enter multiple sub-samples and save all the sub-sample data at the same time by clicking a "Save All" option.
- The First Sample and Last Sample Dates for a site were added to the site's metadata in Field Samples.
- The system prevents users from entering a negative value in the Weight and Value fields when entering sub-sample data.
- If the dry weight is greater than the wet weight for sub-sample data, an error message displays and the system will not allow you save the data.
- If the tare weight is greater than the wet or the dry weight for sub-sample data, an error message displays and the system will not allow you save the data.
- When viewing sample data for a selected Site, the system now limits the Sample Type filter to only include samples that exist for the selected site.

- A FEMS Admin user can now view Audit data for sub-samples by clicking the . . . (Fuel Settings) menu that displays next to a fuel sub-sample.
- The system now allows dashes in all input fields.
- Fuel types, Bear Clover, Oceanspray, and Menziesia, were added to the Fuel Types that can be selected when adding a new sample.

Adding/Editing Groups

- The system now prevents a FEMS Admin or Field Sample Area Editor from adding duplicate groups.
- The system prevents a FEMS Admin or Field Sample Area Editor from adding a contact to a group if that contact was already added to the group.

Adding/Editing Areas

- The system now prevents a FEMS Admin from adding duplicating areas.
- The system prevents a FEMS Admin from adding a contact to an area if that contact was already added to the area.

Tables Updates

- The system displays an error message to the user if they enter an invalid Start or End Date on the Tables page.
- When viewing sample data on the Tables page for a selected Site, the system now limits the Sample Type filter to only include samples that exist for the selected site.

Download Updates

- When multiple stations are selected for the Weather Download option, the system now clears all the stations that were selected when the “Clear All” option is selected.
- A new Field Sample Download option is available on the Downloads page that allows users to download sample data in a csv file.

Field Sample Data Import – New Feature

- A user with a FEMS Admin role can now select a “Field Sample Data Import” option from the . . . (Settings and More) menu. This option allows a FEMS Admin to upload Field Sample data into FEMS from a csv file.

Help Page Updates

- New training videos were added to the Help page.

FEMS 2.2 may be accessed by both public (unauthenticated user) and government wildland fire personnel (authenticated users) alike.

Unauthenticated users can access FEMS without a login and access the full fuel moisture dataset. Authenticated users can access, enter, and edit data, and will be able to edit Group or Site information, according to their FSM role.

The FEMS business leads will be contacting the former Geographic Area NFMD leads to review permissions and assign roles in FSM. Training for Area, Group, and Site roles is in development.

Additional information is also available on the FEMS Webpage:
<https://www.wildfire.gov/application/fems>.

Wildland fire personnel can become authenticated through the iNAP/eAuthentication process at <https://iwfirp.nwcg.gov/> using either eAuth for federal employees or Login.gov for public partners. Authenticated users will have unrestricted access to all RAWs data sets.

The FEMS 2.2 application URL is <https://fems.fs2c.usda.gov/>.

FEMS 2.2 has been tested on devices with the following specifications:

Operating System:

Windows 10 Enterprise

Version 22H2

OS build 19045.3086

Windows Feature Experience Pack 1000.19041.1000.0

Intel(R) Core(TM) i5-10400H CPU @ 2.60GHz 2.59 GHz

16.0 GB (15.6 GB usable)

64-bit operating system, x64-based processor

Browser specifications:

Chrome: Version 114.0.5735.134 (Official Build) (64-bit)

Microsoft Edge: Version 114.0.1823.58 (Official build) (64-bit)

Firefox: Version 114.0.2 (64-bit)