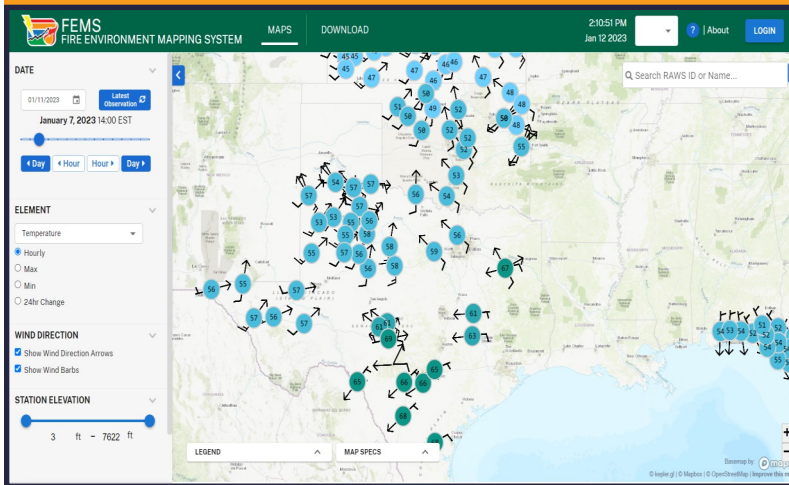# FIRE ENVIRONMENT MAPPING SYSTEM

March 2023 User Interface Release

RAWS *Weather Interactive Map*

Fire Danger: Supporting Fire Management Decision Making

2023 JANUARY

NEWSLETTER

For more information https://famit.nwcg.gov/applications/FEMS
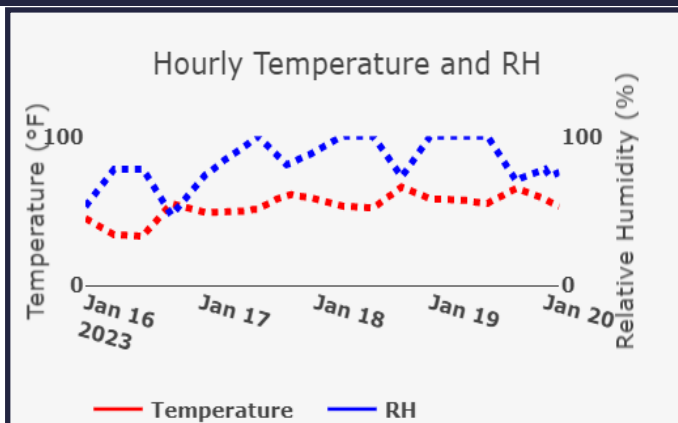

RAWS Weather Data

Includes three sources of Data:

- Historical hourly RAWS Weather observations
- Current Observations
- 7 Day hourly RAWS weather forecasts

ABOUT THE WEATHER DATA

⇒ 23 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 hourly weather forecast is provided by NOAA. The data is primarily sourced from the National Digital Forecast Database (NDFD).
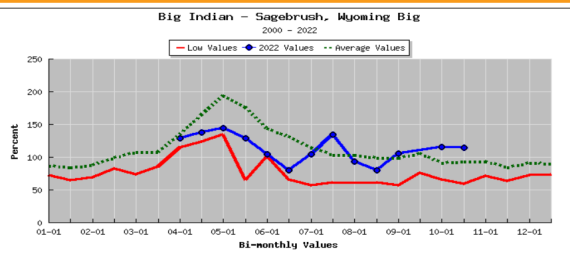
https://famit.nwcg.gov/

ACCESS TO DATA IN THE INTERACTIVE MAP

Unauthenticated Users

- The public will be able to access the FEMS user interface and interactive map without a login.
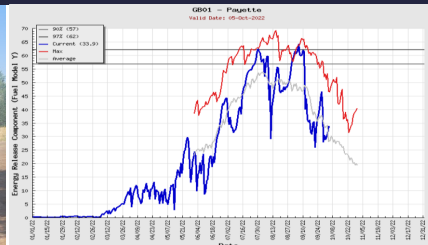- Data access will be restricted to the most recent 14 days and the 7 day forecast.

Authenticated Users

- Users will be able to become authenticated through the iNAP/eAUTH process.
- Authenticated users will have access to all RAWS data sets.
- More details to come.

iNAP Integrated National Application Portal | eAuth

Coming Soon
DATA DOWNLOAD

FEMS Data Download

Options to refine your download will appear as you make selections. Changes to selections may impact your available options and selections.

Data Subject Area *Required*

Select a Subject Area ▼

Data Set *Required*

Select a Data Set ▼

Data Format *Required*

Select Data Format ▼

Download Data

A data download tab is being developed for release in the FEMS User interface.

Users will be able to download the following file types: fw13, fw21, csv and station metadata

This capability will be released as soon as it is available sometime in late Spring 2023.

Additional Upcoming Releases

- **FIELD SAMPLE MODULE**—This release is anticipated for early Summer 2023 and will replicate the functionality of the National Fuel Moisture Database (NDFD) with some upgrades.
- **WIMS MODULE**— This release is estimated for early 2024. It will replace the full functionality of the WIMS.

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

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

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

https://famit.nwcg.gov/