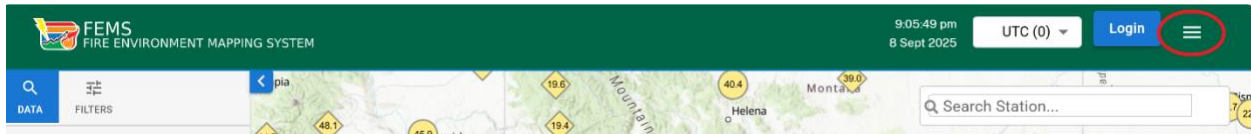


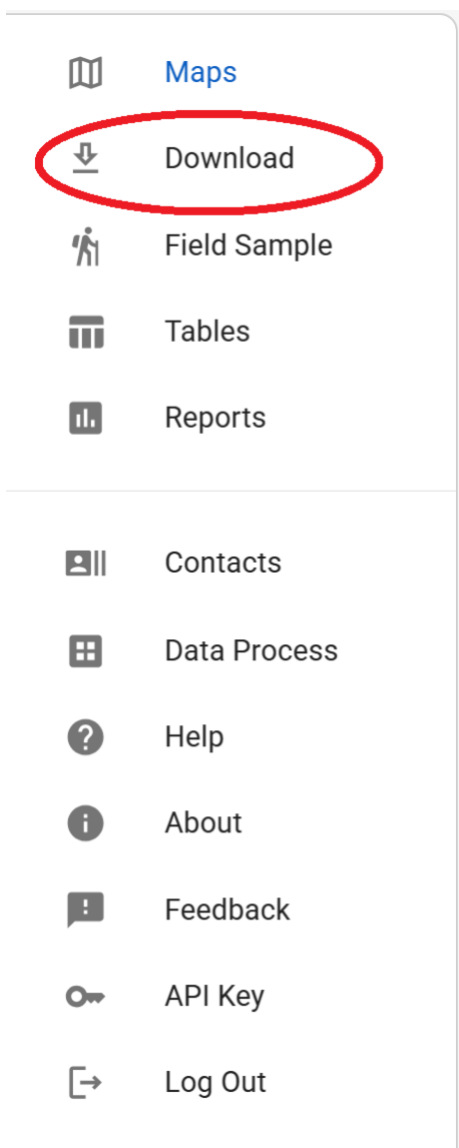
FEMS Data Download

FEMS offers a “Data Download” option to access additional Weather, Fire Danger and Field Sample data.

1. Click on the “Hamburger” icon to open the Menu:



2. Select the “Download” option in the menu:



Data Download – Weather:

1. Select “Weather” as the Data Subject Area:

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*

Weather

- Weather
- Field Sample
- Site Metadata
- Fire Danger

Daily

Hourly

Data Format *Required*

Select a Data Format

Date Range *Required*

Start Date End Date

2. Select desired Data Set:

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*

Weather

Data Set *Required*

Select a Data Set

- Weather Observation
- Weather Forecast
- Weather Observation and Appended Forecast

Data Format *Required*

Select a Data Format

Date Range *Required*

Start Date End Date

3. If “Hourly” is selected, FW21 is available as a “Data Format”:

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

Weather

Data Set Required

Weather Observation and Appended Forecast

Date Time Frequency Required

Daily

Hourly

Data Format Required

Select a Data Format

CSV (UTC)

FW21 (LST - Local Standard Time)

ZIP (UTC)

4. Select the desired "Data Range".
5. Select the desired Station or Stations.
 - a. Hourly Weather data cannot be downloaded for Restricted Mesonets.

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

Weather

Data Set Required

Weather Observation and Appended Forecast

Date Time Frequency Required

Daily

Hourly

Due To Restrictions in Place By The Network Owner, No Hourly Weather Data is Available For Restricted Mesonets.

CSV (UTC)

Time is in UTC

Date Range Required

Start Date: 03/16/2017

End Date: 04/06/2026

Start Hour: 00:00

End Hour: 23:00

Forecast data may be incomplete on day seven

[Previous 5 Days And 7-Day Forecast](#)

Selected Station(s) Required

pine creek

Up to 300 stations can be selected for requests that are greater than or equal to 20-years worth of data

These are your selected stations. Total stations selected: 1

Pine Creek, RAWLS, ID, 101222 x

[Clear All](#)

[Download Data](#) [Copy Data Link](#)

6. Data can be downloaded into a CSV file viewed in Excel or copied as a link for further analysis.
 - a. The Copy Data Link (CDL) replaces the WXML functionality in WIMS by generating an API.

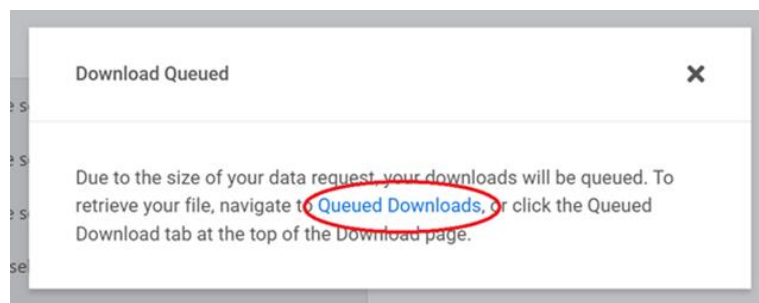
Additional selections will vary depending on the Data Subject Area.

Times displayed in Local Standard Time (LST) at the station site and are not currently adjusted for Daylight Savings Time.

Queued Download

Data sets too large for direct downloads will be available on the “Queued Download” tab.

1. The “Copy Data” link will not be available.
2. After selecting the “Download Data” button a popup will appear with a link to the “Queued Download” tab.



3. Access is also available by selecting the “Queued Download” tab directly.
4. The files will be listed with their progress.
 - a. When completed, click on the file name to download.

FILE	STATUS	PROGRESS	DATE REQUESTED (MDT) ↓	DATE COMPLETED (MDT)
WXOBS_102004,101905,...101108_2017-03-15T23:30:00.000Z_2026-04-06T23:29:59.000Z.CSV	COMPLETED	100%	03/30/2026 12:32	03/30/2026 12:36

5. Downloads will be available for 24 hours.

Zip Files

The option to Zip a download file is now available for all download formats.

Data Download – Fire Danger:

1. Select “Fire Danger” as the Data Subject Area:

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*

Fire Danger

Weather

Field Sample

Site Metadata

Fire Danger

Select a Data Set

Date Time Frequency *Required*

- Daily
- Hourly

2. Select desired Fuel Model(s).
3. Select desired Data Set:

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*

Fire Danger

Fuel Model(s) *Required*

Data Set *Required*

Select a Data Set

Fire Danger Observation

Fire Danger Forecast

Fire Danger Observation and Forecast

Data Format *Required*

Date Range *Required*

Start Date

End Date

4. The “Data Format”.
5. Select the desired “Data Range”,
6. Select the desired Station or Stations.
7. Select “Download Data”.

Depending on file size, a “Copy Data Link” option may be available for additional analysis.

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

Fire Danger

Fuel Model(s) Required

Y X

Data Set Required

Fire Danger Observation

Date Time Frequency Required

Daily

Hourly

Data Format Required

CSV (UTC)

Time is in UTC

Date Range Required

Start Date: 02/23/2017

End Date: 03/25/2026

Start Hour: 00:00

End Hour: 23:00

Forecast data may be incomplete on day seven

Selected Station(s) Required

wagontown

- Up to 300 stations and 1 fuel model can be selected for requests that are greater than or equal to 20-years worth of data
- Up to 150 stations and 2 fuel model can be selected for requests that are greater than or equal to 20-years worth of data
- Up to 100 stations and 3 fuel model can be selected for requests that are greater than or equal to 20-years worth of data
- Up to 75 stations and 4 fuel model can be selected for requests that are greater than or equal to 20-years worth of data
- Up to 60 stations and 5 fuel model can be selected for requests that are greater than or equal to 20-years worth of data

These are your selected stations. Total stations selected: 2

Pine Creek, RAWS, ID, 101222 × Wagontown, RAWS, ID, 102712 ×

[Clear All](#)

[Download Data](#) [Copy Data Link](#)

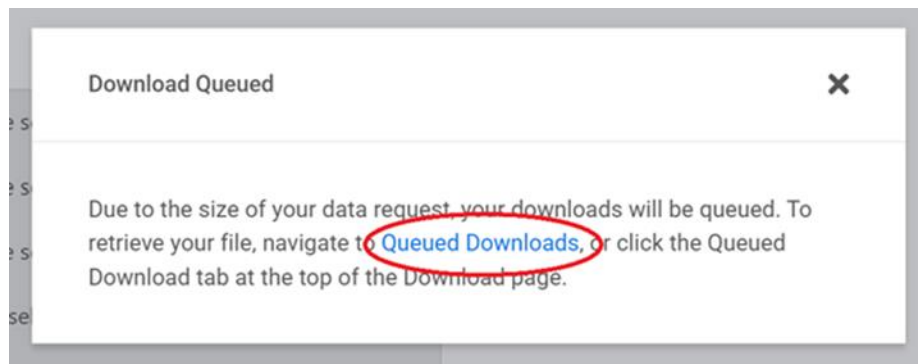
Additional selections will vary depending on the Data Subject Area.

Times are displayed in Local Standard Time (LST) at the station site and are not currently adjusted for Daylight Savings Time.

Queued Download

Data sets too large for a direct download will be available on the “Queued Download” tab.

1. The “Copy Data” link will not be available.
2. After selecting the “Download Data” button a popup will appear with a link to the “Queued Download” tab.



1. Access is also available by selecting the “Queued Download” tab directly.
2. The files will be listed with their progress.
 - a. When completed, click on the file name to download

Files are available for 24 hours after the download is complete. If you clear your internet cache, the downloads will no longer be available. If a file is no longer available, you may repeat the download process.

FILE	STATUS	PROGRESS	DATE REQUESTED (MDT) ↓	DATE COMPLETED (MDT)
NFRSDAILYSUMMARY_102004,101905,...101108_2017-02-23T00:00:00.000Z_2026-03-25T00:00:00.000Z.CSV	COMPLETED	100%	03/25/2026 11:30	03/25/2026 11:32
NFRSDAILYSUMMARY_101222,102712,...101108_2017-02-23T00:00:00.000Z_2026-03-25T23:29:59.000Z.csv	RUNNING	0%	03/25/2026 11:20	

3. Downloads will be available for 24 hours.

Zip Files

The option to Zip a download file is now available for all download formats.

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*

Fire Danger

Fuel Model(s) *Required*

Y X

Data Set *Required*

Fire Danger Observation

Date Time Frequency *Required*

Daily

Hourly

Data Format *Required*

- CSV (UTC)
- CSV (LST - Local Standard Time)
- ZIP (UTC)
- ZIP (LST - Local Standard Time)

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*

Fire Danger

Fuel Model(s) *Required*

Y X

Data Set *Required*

Fire Danger Observation

Date Time Frequency *Required*

Daily

Hourly

(Daily) Maximum/Minimum data will be downloaded from midnight to midnight local station time.

- CSV (LST - Local Standard Time)
- ZIP (LST - Local Standard Time)

Creating SIGS with the Data Download:

Fire Danger Indices can be displayed in a SIG format by using the Data Download feature in FEMS by selecting multiple stations.

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

Fire Danger

Fuel Model(s) Required

Y X

Data Set Required

Fire Danger Observation and Forecast

Date Time Frequency Required

Daily
 Hourly

Data Format Required

CSV (LST - Local Standard Time)

Time is adjusted to time zone of station but not adjusted for daylight savings.

Date Range Required

Start Date: 03/13/2026 End Date: 04/03/2026

Start Hour: 00:00 End Hour: 23:00

Forecast data may be incomplete on day seven

[Previous 5 Days And 7 Day Forecast](#)

Selected Station(s) Required

Town Creek

- Up to 300 stations and 1 fuel model can be selected for requests that are greater than or equal to 20-years worth of data
- Up to 150 stations and 2 fuel model can be selected for requests that are greater than or equal to 20-years worth of data
- Up to 100 stations and 3 fuel model can be selected for requests that are greater than or equal to 20-years worth of data
- Up to 75 stations and 4 fuel model can be selected for requests that are greater than or equal to 20-years worth of data
- Up to 60 stations and 5 fuel model can be selected for requests that are greater than or equal to 20-years worth of data

These are your selected stations. Total stations selected: 3

Pine Creek, RAWS, ID, 101222 x Wagontown, RAWS, ID, 102712 x Town Creek, RAWS, ID, 101708 x

[Clear All](#)

[Download Data](#) [Copy Data Link](#)

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

Fire Danger

Fuel Model(s) Required

Y X

Data Set Required

Fire Danger Observation and Forecast

Date Time Frequency Required

Daily
 Hourly

(Daily) Maximum/Minimum data will be downloaded from midnight to midnight local station time.

Data Format Required

CSV (LST - Local Standard Time)

Time is adjusted to time zone of station but not adjusted for daylight savings.

Date Range Required

Start Date: 03/13/2026 End Date: 04/03/2026

Forecast data may be incomplete on day seven

[Previous 5 Days And 7 Day Forecast](#)

Average Fire Danger Outputs

Selected Station(s) Required

Town Creek

These are your selected stations. Total stations selected: 3

Pine Creek, RAWS, ID, 101222 x Wagontown, RAWS, ID, 102712 x Town Creek, RAWS, ID, 101708 x

[Clear All](#)

[Download Data](#) [Copy Data Link](#)

Depending on file size, the data may have a “Copy Data Link”. Large files will be downloaded as a “Queued Download”. The “Copy Data Link” (CDL) replaces the WXML functionality in WIMS. In the Data Download select the “Copy” option to generate an API.

Data Download – Field Sample:

1. Select “Field Sample” or Site Metadata” as the Data Subject Area:

Download
Queued 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

Field Sample

Weather

Field Sample

Site Metadata

Fire Danger

Start Date: End Date:

Field Sample Data Download

1. Select "Field Sample" from the "Data Subject Area".
2. Using the dynamic search field, select stations.
 - a. "Select All" and multi-select options are available.
 - b. Undesired stations can be "X"ed out.

Download
Queued Download

Select All
 BIA - Bureau Of Indian Affairs-GBCC-Boise FO-Kuna
 BLM - Bureau Of Land Management-GBCC-Boise FO-Blackstone
 BLM - Bureau Of Land Management-GBCC-Boise FO-Hammett
 BLM - Bureau Of Land Management-GBCC-Boise FO-Kuna
 BLM - Bureau Of Land Management-GBCC-Boise FO-Simco

Date Range Required

Start Date

02/09/2026
📅

End Date

03/11/2026
📅

Download Data
Copy Data Link

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

Field Sample
▼

Search Required

🔍 Search All Sites...

These are your selected sites. Total sites selected: 13

BLM - Bureau Of Land Management-GBCC-Boise FO-Blackstone ×
 BLM - Bureau Of Land Management-GBCC-Boise FO-Hammett ×
 BLM - Bureau Of Land Management-GBCC-Boise FO-Kuna ×
 BLM - Bureau Of Land Management-GBCC-Boise FO-Simco ×
 BLM - Bureau Of Land Management-GBCC-Boise FO-Triangle ×
 BLM - Bureau Of Land Management-GBCC-Boise FO-Wild West ×
 S&PF - State And Private Forestry-GBCC-Idaho State Southwest-Boise Basin ×
 USFS - US Forest Service-GBCC-Boise NF-Cascade North Zone ×
 USFS - US Forest Service-GBCC-Boise NF-Emmett North Zone ×
 USFS - US Forest Service-GBCC-Boise NF-Idaho City SZ ×
 USFS - US Forest Service-GBCC-Boise NF-Lowman North Zone ×
 USFS - US Forest Service-GBCC-Boise NF-Mountain Home - Grouse Creek ×
 USFS - US Forest Service-GBCC-Boise NF-Mtn Home RD - South ×

[Clear All](#)

Date Range Required

Start Date

05/01/2022
📅

End Date

03/11/2026
📅

Select Fuel(s)

Search Fuel Types	Category	Sub-Category	Method
<input style="width: 95%; border: none;" type="text" value="Search Fuel Type"/>	<div style="border: 1px solid #ccc; padding: 2px; display: flex; align-items: center;"> All ▼ </div>	<div style="border: 1px solid #ccc; padding: 2px; display: flex; align-items: center;"> All ▼ </div>	<div style="border: 1px solid #ccc; padding: 2px; display: flex; align-items: center;"> All ▼ </div>
FUEL NAME ↑	SITE NAME	CATEGORY	SUB CATEGORY
METHOD	LAST SAMPLE DATE		

3. Select "Date Range".
4. Data can be filtered using dynamic searches and dropdowns by:
 - a. Fuel Type
 - b. Category (All/Dead/Tree/Shrub/Forb/Grass)
 - c. Sub-Category (All/Disturbance/Lower/Middle/New/Old/Upper)
 - d. (Sampling) Method (All/Gravimetric/Moisture Probe)

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

Search Required

These are your selected sites. Total sites selected: 13

BLM - Bureau Of Land Management-GBCC-Boise FO-Blackstone × BLM - Bureau Of Land Management-GBCC-Boise FO-Hammett × BLM - Bureau Of Land Management-GBCC-Boise FO-Kuna × BLM - Bureau Of Land Management-GBCC-Boise FO-Kuna × S&PF - State And Private Forestry-GBCC-Idaho State Southwest-Boise Basin × USFS - US Forest Service-GBCC-Boise NF-Cascade North Zone × USFS - US Forest Service-GBCC-Boise NF-Emmett North Zone × USFS - US Forest Service-GBCC-Boise NF-Mtn Home RD - South ×

[Clear All](#)

Date Range Required

Start Date: 05/01/2022

End Date: 03/11/2026

Select Fuel(s)

Search Fuel Types:

Category: Sub-Category: Method:

FUEL TYPE	SUB CATEGORY	METHOD	LAST SAMPLE DATE
100-Hour	Mountain Home - Grouse Creek	Dead	07/17/2023
1000-Hour	Emmett North Zone	Dead	09/08/2023
1000-Hour	Idaho City SZ	Dead	09/18/2023
1000-Hour	Lowman North Zone	Dead	06/29/2024
1000-Hour	Lowman North Zone	Dead Old	08/15/2024
1000-Hour	Cascade North Zone	Dead	06/12/2025
1000-Hour	Emmett North Zone	Dead Gravimetric	07/15/2025
1000-Hour	Idaho City SZ	Dead Gravimetric	07/16/2025
1000-Hour	Mountain Home - Grouse Creek	Dead Gravimetric	07/21/2025
100-Hour	Lowman North Zone	Dead	07/14/2023

Rows Per Page:

◀◀ Back 1-10 of 93 Next ▶▶

[Download Data](#) [Copy Data Link](#)

5. Select the "Download Data" button.

6. A CSV file will be generated.
7. A “Copy Data Link” option is also available for additional analysis.

Field Site Data Download

1. Select “Site Metadata” from the “Data Subject Area”

The screenshot shows the 'FEMS Data Download' interface. At the top, there are two tabs: 'Download' (active) and 'Queued Download'. Below the tabs, the title 'FEMS Data Download' is displayed. A note states: 'Options to refine your download will appear as you make selections. Changes to selections may impact your available options and selections.' The 'Data Subject Area' dropdown menu is open, showing the following options: 'Site Metadata' (selected), 'Weather', 'Field Sample', 'Site Metadata', and 'Fire Danger'. Below the dropdown are two buttons: 'Download Data' and 'Copy Data Link'.

2. Using the dynamic search field, select stations.
 - a. “Select All” and multi-select options are available.
 - b. Undesired stations can be “X”ed out.

The screenshot shows the 'FEMS Data Download' interface with the 'Queued Download' tab active. A list of stations is displayed with checkboxes for selection. The stations listed are: 'Select All', 'BIA - Bureau Of Indian Affairs-GBCC-Boise FO-Kuna', 'BLM - Bureau Of Land Management-GBCC-Boise FO-Blackstone', 'BLM - Bureau Of Land Management-GBCC-Boise FO-Hammett', 'BLM - Bureau Of Land Management-GBCC-Boise FO-Kuna', 'BLM - Bureau Of Land Management-GBCC-Boise FO-Simco', and 'BLM - Bureau Of Land Management-GBCC-Boise FO-Triangle'. A search bar at the bottom contains the text 'Boise' and an 'x' icon to clear the search. Below the list are two buttons: 'Download Data' and 'Copy Data Link'.

Download **Queued 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

Site Metadata

Search Required

Search All Sites...

These are your selected sites. Total sites selected: 14

BIA - Bureau Of Indian Affairs-GBCC-Boise FO-Kuna × BLM - Bureau Of Land Management-GBCC-Boise FO-Blackstone ×
 BLM - Bureau Of Land Management-GBCC-Boise FO-Hammett × BLM - Bureau Of Land Management-GBCC-Boise FO-Kuna ×
 BLM - Bureau Of Land Management-GBCC-Boise FO-Simco × BLM - Bureau Of Land Management-GBCC-Boise FO-Triangle ×
 BLM - Bureau Of Land Management-GBCC-Boise FO-Wild West × S&PF - State And Private Forestry-GBCC-Idaho State Southwest-Boise Basin ×
 USFS - US Forest Service-GBCC-Boise NF-Cascade North Zone × USFS - US Forest Service-GBCC-Boise NF-Emmett North Zone ×
 USFS - US Forest Service-GBCC-Boise NF-Idaho City SZ × USFS - US Forest Service-GBCC-Boise NF-Lowman North Zone ×
 USFS - US Forest Service-GBCC-Boise NF-Mountain Home - Grouse Creek × USFS - US Forest Service-GBCC-Boise NF-Mtn Home RD - South ×

[Clear All](#)

[Download Data](#) [Copy Data Link](#)

3. Select the “Download Data” button.
4. A CSV file will be generated.
5. A “Copy Data Link” option is also available for additional analysis.

Queued Download Tab

The “Queued Download” Tab only applies to Weather and Fire Danger Downloads.

Additional Resources:

Copy Data Link:

[TechTip_Copy Data Link in FEMS.pdf](#)

Using Copy Data Link in Excel:

[TechTip- Using the Copy Data Link from FEMS in Excel.pdf](#)

Using FEMS Get Data Manipulation (URL):

[\(Link to TechTip\)](#)