Welcome to FireModels.org

The fire behavior and fire danger systems described on FireModels.org are public domain and most can be downloaded from this site. They are designed to be used by fire and land managers who have training and fire experience. Some require spatial databases. WFAS is an Internet-based system that provides fire danger maps that can be viewed by the general public as well as by land managers. An overview of each system is given below.

National Systems are supported by U.S Forest Service Fire and Aviation Management. The researchers and contractors who developed them continue to be involved. Research Systems are in the development, testing, and evaluation stage, involving researchers at the Missoula Fire Sciences Lab. Beta versions of the research systems may be available for testing. For additional information on a specific system, please see the appropriate web page (accessed via the main menu at the top of the page).

These systems are a result of a productive cooperative effort on the part of:

- U.S. Forest Service
  - Fire, Fuel, and Smoke Science Program, Missoula Fire Sciences Lab, Rocky Mountain Research Station
  - Forest Service Fire and Aviation Management
  - Pacific Southwest Region,
  - Pacific Southwest Research Station
  - Northern Research Station
  - Wildland Fire Research Development and Applications, Rocky Mountain Research Station
- U.S. Department of Interior
  - National Park Service
  - Bureau of Land Management
- Joint Fire Science Program
National Fire Danger Systems

The U.S. National Fire Danger Rating System (NFDRS) produces indices such as Energy Release Component (ERC) that indicate the potential for fire danger.

- **FireFamilyPlus**
  - PC program
  - Uses archived weather and fire data
  - Analysis of fire weather and fire danger indices
  - Used to set threshold levels for fire management actions, such as forest restrictions, and more

- **WFAS, Wildland Fire Assessment System**
  - Internet-based system, [http://www.wfas.net](http://www.wfas.net)
  - Uses weather data from 1800 fire weather stations, forecast models, and satellite data
  - National and regional maps of fire danger
  - Used to assess the current state of the fire season, and more

Research Systems Under Development

As new research is completed, results will be incorporated into fire behavior and fire danger systems.
CLICK ON “DOWNLOADS”

FireFamilyPlus is used for analysis of fire danger indices and weather. For more information, look under National Systems in the menu at the top of each page.

The installation program and accompanying files can be found on the Downloads page.

It is a Windows program that combines the fire climatology and occurrence analysis capabilities of the PCFIRDAT, PCSEASON, FIRES, and CLIMATOLOGY programs into a single package with a graphical user interface.

December 1, 2008. FireFamilyPlus 4 has been approved for release by the USFS and the BLM.
Version 4.0 Download

Please visit the Change Log and Tips, Tricks, and Information pages for more information regarding Version 4.0.2.

<table>
<thead>
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<th>Description</th>
<th>File Name</th>
<th>Size (Bytes)</th>
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<td>FireFamilyPlus 4.0.2 Installation File</td>
<td>ffp4setup.msi</td>
<td>7,528,201</td>
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Please check the file size to make sure you have the entire file.

To download this file, please RIGHT-CLICK on the file name and then SELECT

- **Save Target As** (Internet Explorer)
- **Save Link As** (Mozilla Firefox)

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To download this file, please RIGHT-CLICK on the file name and then SELECT

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or
Save Link As (Mozilla Firefox)
CLICK “RUN” AGAIN

FireFamilyPlus_41_Beta_release_note.pdf  136,380

Draft: FFP-4_1_Draft_Users_Guide.pdf  12,787,222

Information pages for more.

File Name

ffp4setup.msi  7,665,664

To download this file, please RIGHT-CLICK on the file name and then SELECT
Welcome to the FireFamily Plus 4 Setup Wizard

The installer will guide you through the steps required to install FireFamilyPlus 4 on your computer.

WARNING: This computer program is protected by copyright law and international treaties. Unauthorized duplication or distribution of this program, or any portion of it, may result in severe civil or criminal penalties, and will be prosecuted to the maximum extent possible under the law.
CLICK “NEXT” AGAIN

Select Installation Folder

The installer will install FireFamily Plus 4 to the following folder.

To install in this folder, click "Next". To install to a different folder, enter it below or click "Browse".

Folder:

C:\Program Files (x86)\FireFamilyPlus 4\

Install FireFamily Plus 4 for yourself, or for anyone who uses this computer:

- Everyone
- Just me

[Next button highlighted]
CLICK "NEXT" AGAIN

Confirm Installation

The installer is ready to install FireFamily Plus 4 on your computer.
Click "Next" to start the installation.
WAIT FOR INSTALLATION TO COMPLETE
INSTALLATION COMPLETE

FireFamily Plus 4 has been successfully installed.

Click "Close" to exit.
**SETUP A SHORTCUT TO FF+ ON DESKTOP**

- Navigate to Fire Family Plus Folder Under "All Programs" Under Start Button.
- Right Click on Fire Family Plus, Select “Send To”, and then “Desktop (Create Shortcut).”