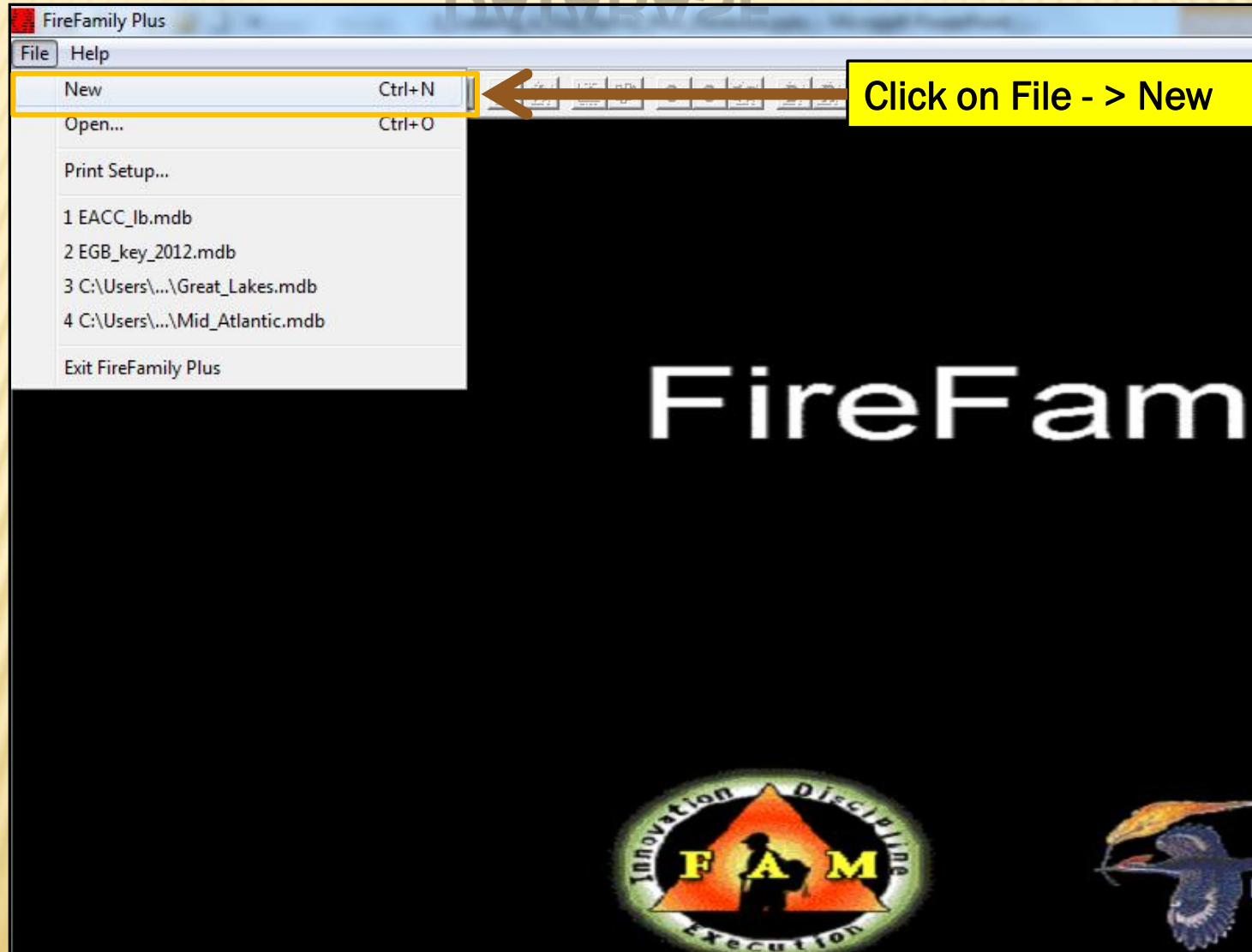
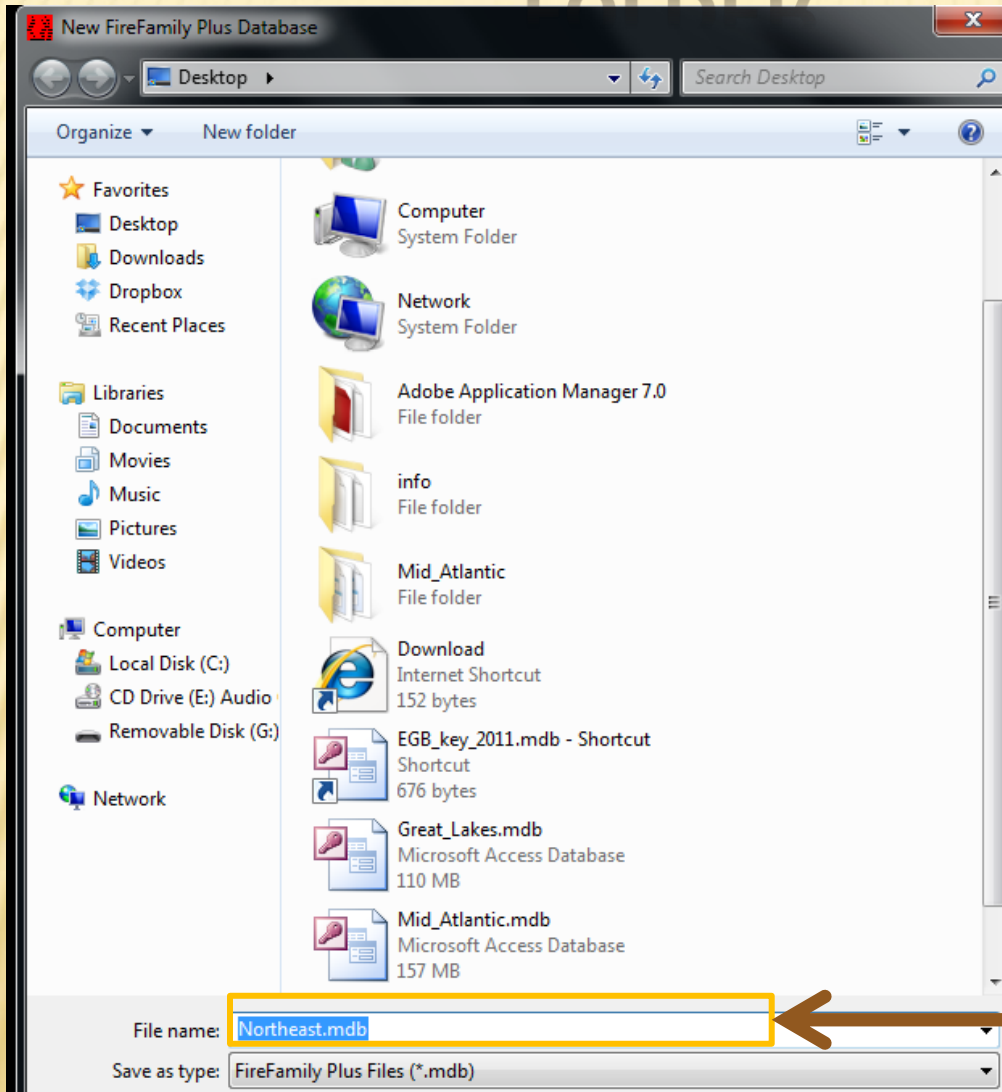


# CREATE A NEW FIRE FAMILY PLUS DATABASE

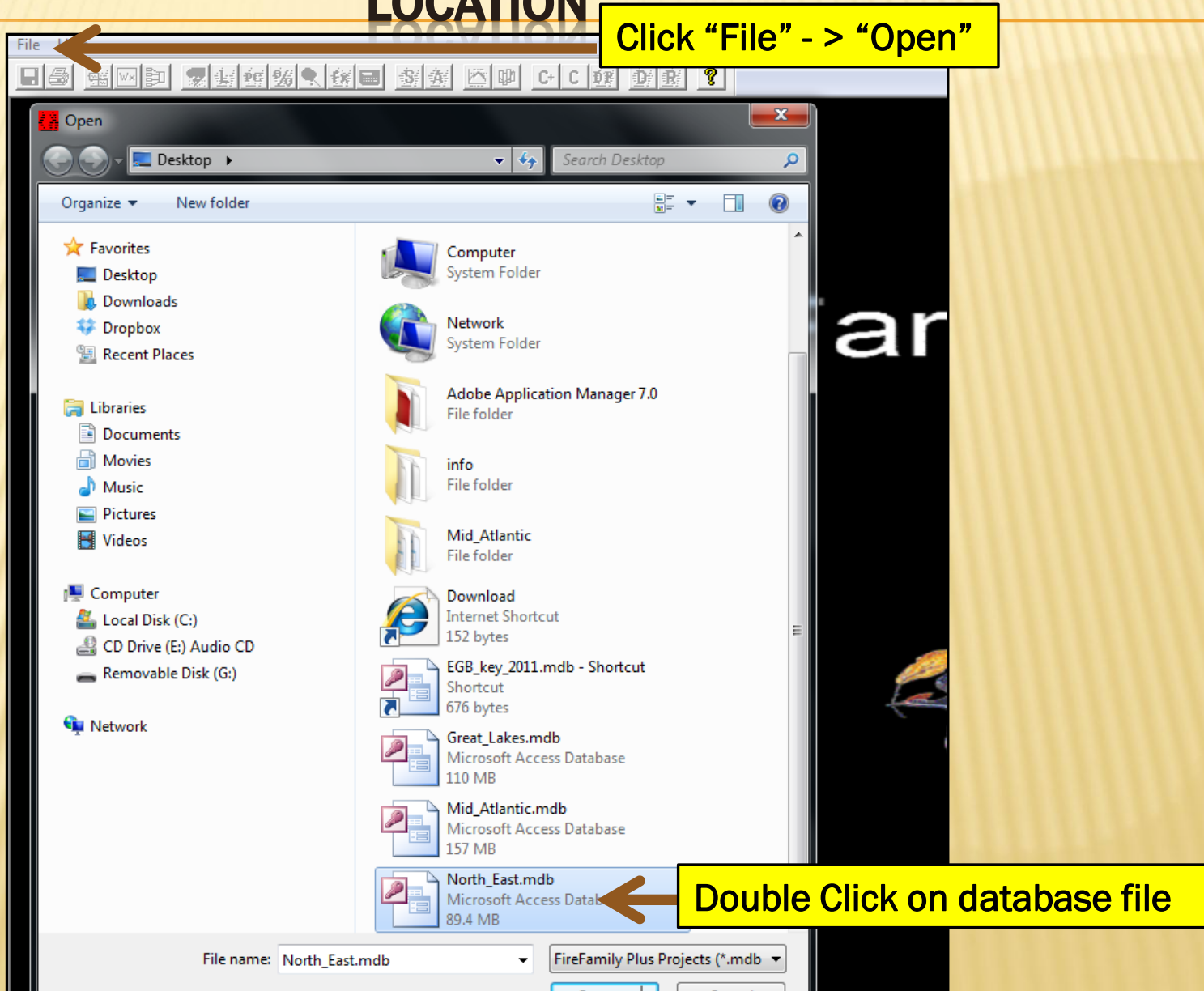


# NAME AND SAVE THE FIRE FAMILY PLUS DATABASE TO THE FIRE FAMILY PLUS FOLDER



Name Database then click on "Save"

# OPEN THE CREATED DATABASE BY SELECTING "FILE" -> "OPEN". THEN DOUBLE CLICK ON FILE IN THE SAVED LOCATION



# IMPORT STATION CATALOG(S)

The screenshot shows the FireFamily Plus software interface. The 'Data' menu is open, and a yellow callout box with a black arrow points to it, containing the text 'Click "Data" -> "Import"'. The 'Import...' option is highlighted in the menu. Below the menu, the 'Working Set' dialog box is visible, showing the path 'Marien\Desktop\Northern\_Rockies' and a description 'Default Database Structure for FireFamily Plus'. The 'Active Working Set Definition' section includes a 'SIG/Station' dropdown, 'Data Years' (with 'thru' separator), an 'Annual Filter (Time of Year)' section with 'Month' (January) and 'Day' (1) dropdowns, and an 'Analysis Period Length (Days)' dropdown set to '1'. A 'Fire Associations' button is also present. The 'SIG/Station Metadata' section shows a table with columns: StationID, Name, NFDRS Fuel Model, Use 88 Mode, Slope Class, and Climate Class.

File Data Working Set Fire Opt

Click "Data" -> "Import"

Import...

Stations

SIGS

Agencies

User Variables

Compact

Working Set

Marien\Desktop\Northern\_Rockies

Description: Default Database Structure for FireFamily Plus

Active Working Set Definition

SIG/Station

Data Years

thru

Enable Auxiliary Year Overlays

Annual Filter (Time of Year)

Month Day

January 1

thru

December 31

Analysis Period Length (Days)

1

Fire Associations

SIG/Station Metadata:

StationID	Name	NFDRS Fuel Model	Use 88 Mode	Slope Class	Climate Class
-----------	------	------------------	-------------	-------------	---------------

# IMPORT STATION CATALOG(S)

FireFamily Plus - Northern\_Rockies.mdb - Working Set

File Data Weather Fires Options Batch Window Help

Northern\_Rockies.mdb - Working Set

Database Name: C:\Users\SMarien\Desktop\Northern\_Rockies

Description: Default Database Structure for FireFamily Plus

Active Working Set Definition

SIG/Station

Data Years

thru

Enable Auxiliary Year Over

Analysis Period Length (Days)

1

SIG/Station Metadata:

StationID	Name
-----------	------

Import Fire and Weather Data

Stations

WIMS Station Catalogs

Weather

Old Fwx Files

FW9/FW13 Files

Generic Wx Import

WRCC RAWS

Fires

Agency:

RAW Files

WFMI Fire Import

Generic Fire Import

Close

Click "WIMS Station Catalog"

# IMPORT STATION CATALOG(S)

← Navigate to the Fire Family Plus/Station Catalogs Folder

← Highlight the Station Catalog(s) you wish to import

← Click "Open"

File name:  Station Catalog Files (\*.txt;\*.csv)

Open

# IMPORT STATION CATALOG(S)

Northern\_Rockies.mdb - Working Set

Database Name: C:\Users\SMarien\Desktop\Northern\_Rockies

Description: Default Database Structure for FireFamily Plus

Active Working Set Definition

SIG/Station

Data Years

thru

Enable Auxiliary Year Over

Length (Days)

StationID Name

Import Fire and Weather Data

Import Complete

Import Complete.  
0 errors were encountered.  
Be sure to check for and enter missing values for imported stations.  
Especially Greenup and Freeze dates! (The Grippster, 1999)

Close View Log

Close

Import of Station Catalog Complete

Execution

# IMPORT WEATHER DATA

FireFamily Plus - Northern\_Rockies.mdb - Working Set

File Data Working Set Fire Opt

Click "Data" -> "Import"

Import...

- Stations
- SIGS
- Agencies
- User Variables
- Compact

Working Set

Marien\Desktop\Northern\_Rockies

Description: Default Database Structure for FireFamily Plus

Active Working Set Definition

SIG/Station

Data Years

thru

Enable Auxiliary Year Overlays

Annual Filter (Time of Year)

Month Day

January 1

thru

December 31

Analysis Period Length (Days)

1

Fire Associations

SIG/Station Metadata:

StationID	Name	NFDRS Fuel Model	Use 88 Mode	Slope Class	Climate Class
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# IMPORT WEATHER DATA

The screenshot shows the FireFamily Plus application window titled "Northern\_Rockies.mdb - Working Set". The main window has a menu bar (File, Data, Weather, Fires, Options, Batch, Window, Help) and a toolbar with various icons. A dialog box titled "Northern\_Rockies.mdb - Working Set" is open, showing fields for "Database Name" (C:\Users\SMarien\Desktop\Northern\_Rockies) and "Description" (Default Database Structure for FireFamily Plus). Below these are sections for "Active Working Set Definition" (SIG/Station, Data Years, Analysis Period Length) and "SIG/Station Metadata" (a table with columns StationID and Name).

Overlaid on the main window is a smaller dialog box titled "Import Fire and Weather Data". It contains three main sections:

- Stations:** A button labeled "WIMS Station Catalogs".
- Weather:** A group box containing four buttons: "Old Fwx Files", "FW9/FW13 Files", "Generic Wx Import", and "WRCC RAWS".
- Fires:** A group box containing an "Agency:" dropdown menu, a "RAW" button, "WFMI Fire Import", "Generic Fire Import", and a "Close" button at the bottom.

A yellow callout box with a black border points to the "FW9/FW13 Files" button in the Weather section. The text inside the callout box reads: "Click 'FW9/FW13 Files'".

# IMPORT WEATHER DATA

The screenshot shows the FireFamily Plus software interface with an 'Open' dialog box. The dialog box is titled 'Open' and shows the path 'Fire Family Plus > Weather Data'. The file list contains several files with names like 'wx172501.fw9', 'wx280051.fw9', 'wx280071.fw9', 'wx280101.fw9', 'wx280231.fw9', 'wx280311.fw9', 'wx280372.fw9', 'wx300011.fw9', 'wx300312.fw9', 'wx300411.fw9', 'wx301011.fw9', 'wx301101.fw9', 'wx301111.fw9', and 'wx305103.fw9'. The file 'wx280372.fw9' is highlighted. The 'File name' field at the bottom contains '"wx280372.fw9" "wx172501.fw9" "v' and the file type is set to 'Fire Weather Files (\*.fw9;\*.fw13)'. The 'Open' button is visible at the bottom right.

File name: "wx280372.fw9" "wx172501.fw9" "v

Fire Weather Files (\*.fw9;\*.fw13)

Open

Click "Open"

Navigate to the Fire Family Plus/Station Catalogs Folder

Highlight "FW9/FW13 Weather files you wish to import

# IMPORT WEATHER DATA

The screenshot displays the FireFamily Plus software interface. The main window is titled "FireFamily Plus - Northern\_Rockies.mdb - Working Set" and features a menu bar (File, Data, Weather, Fires, Options, Batch, Window, Help) and a toolbar with various icons. A secondary window titled "Northern\_Rockies.mdb - Working Set" is open, showing fields for "Database Name" (C:\Users\SMarien\Desktop\Northern\_Rockies) and "Description" (Default Database Structure for FireFamily Plus). Overlaid on this is the "Import Fire and Weather Data" dialog box, which contains a smaller "Import Complete" message box. The message box text reads: "Import Complete. 0 errors were encountered. Records imported: 1910. Check log file for Hourly Precip calculation notes." Below the message are "Close" and "View Log" buttons. A yellow callout box with the text "Import of Weather Data Complete" and an arrow points to the "Import Complete" message box. The background of the slide features a stylized globe with a fire map overlay.

FireFamily Plus - Northern\_Rockies.mdb - Working Set

File Data Weather Fires Options Batch Window Help

Northern\_Rockies.mdb - Working Set

Database Name: C:\Users\SMarien\Desktop\Northern\_Rockies

Description: Default Database Structure for FireFamily Plus

Active Working Set Definition

SIG/Station

Data Years

thru

Enable Auxiliary Year Overl

Analysis Period Length (Days)

Import Fire and Weather Data

Import Complete

Import Complete.  
0 errors were encountered.  
Records imported: 1910  
Check log file for Hourly Precip calculation notes.

Close View Log

Close

Import of Weather Data Complete

# IMPORT FIRE OCCURRENCE FILES

The screenshot shows the FireFamily Plus software interface. The 'Data' menu is open, and the 'Import...' option is highlighted. A yellow callout box with a black arrow points to the 'Data' menu, containing the text 'Click "Data" -> "Import"'. The main window displays the 'Working Set' configuration, including fields for 'SIG/Station', 'Data Years', 'Annual Filter (Time of Year)', and 'Analysis Period Length (Days)'. A table titled 'SIG/Station Metadata' is visible at the bottom.

File Data Working Set Fire Occurrence Options

Import... Stations SIGS Agencies User Variables Compact

Working Set  
Marien\Desktop\Northern\_Rockies

Description: Default Database Structure for FireFamily Plus

Active Working Set Definition

SIG/Station  
Data Years  
thru  
 Enable Auxiliary Year Overlays

Annual Filter (Time of Year)  
Month Day  
January 1  
thru  
December 31

Analysis Period Length (Days)  
1

Fire Associations

SIG/Station Metadata:

StationID	Name	NFDRS Fuel Model	Use 88 Mode	Slope Class	Climate Class
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# IMPORT FIRE OCCURRENCE FILE(S)

The screenshot shows the FireFamily Plus software interface. The main window is titled "FireFamily Plus - Northern\_Rockies.mdb - Working Set" and has a menu bar with "File", "Data", "Weather", "Fires", "Options", "Batch", "Window", and "Help". Below the menu bar is a toolbar with various icons. A secondary window titled "Northern\_Rockies.mdb - Working Set" is open, displaying database information such as "Database Name: C:\Users\SMarien\Desktop\Northern\_Rockies" and "Description: Default Database Structure for FireFamily Plus".

In the foreground, the "Import Fire and Weather Data" dialog box is open. It has three main sections: "Stations", "Weather", and "Fires". The "Fires" section is active, showing a dropdown menu for "Agency" with "DOI Agencies" selected. Below the dropdown, "DOI Agencies" and "USFS" are listed as options. A yellow callout box with the text "Choose Fire Occurrence Agency" and an arrow points to the "Agency" dropdown menu.

Other options in the "Fires" section include "RAW F...", "WFMI Fire Import", and "Generic Fire Import". A "Close" button is located at the bottom of the dialog box.

StationID	Name
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# IMPORT FIRE OCCURRENCE FILE(S)

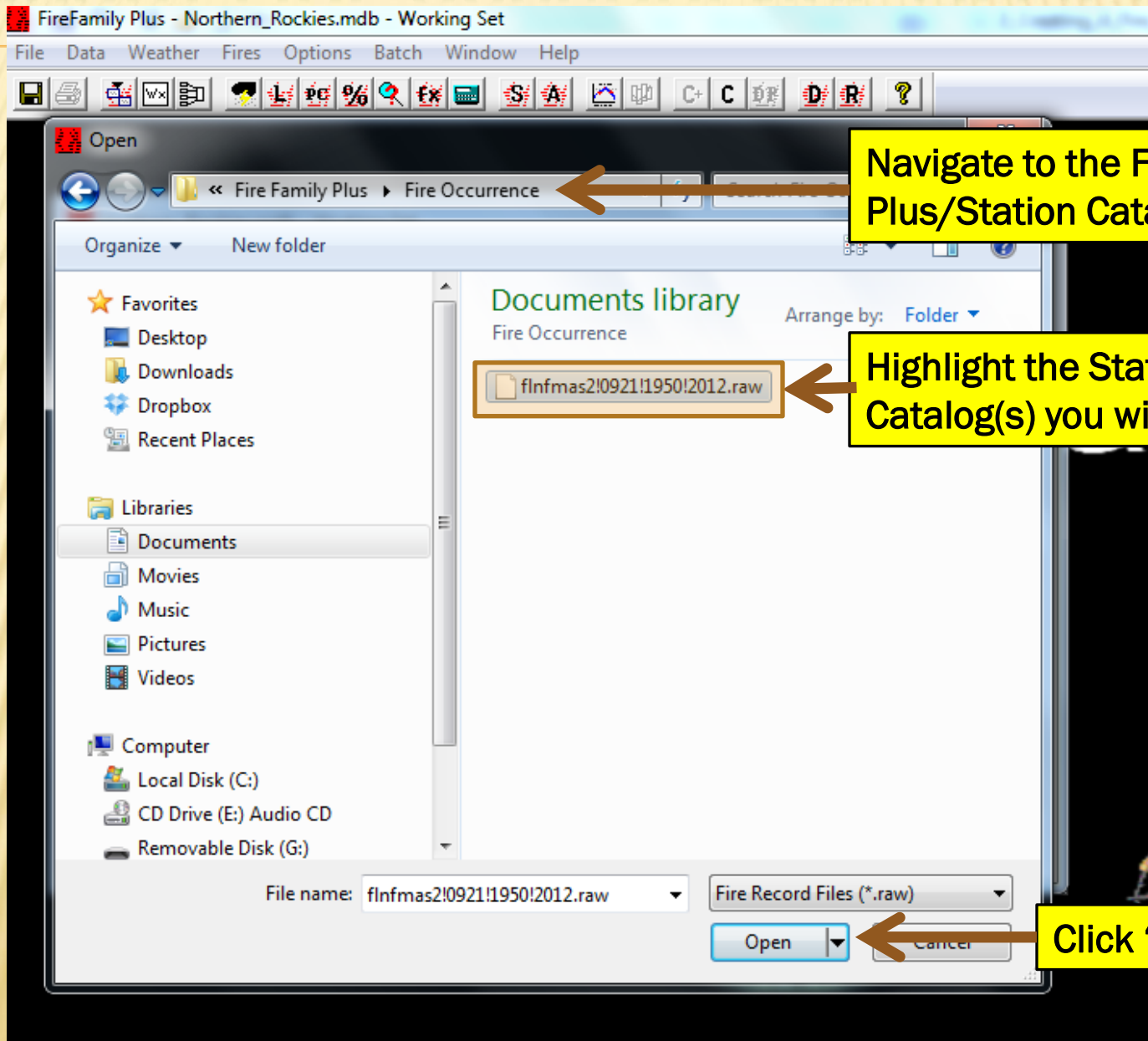
The screenshot shows the FireFamily Plus application interface. The main window is titled "Northern\_Rockies.mdb - Working Set" and contains fields for "Database Name" (C:\Users\SMarien\Desktop\Northern\_Rockies) and "Description" (Default Database Structure for FireFamily Plus). It also has sections for "Active Working Set Definition", "Data Years", and "Analysis Period Length (Days)".

An "Import Fire and Weather Data" dialog box is open in the foreground. It is divided into three sections:

- Stations:** Includes a button for "WIMS Station Catalogs".
- Weather:** Includes buttons for "Old Fwx Files", "FW9/FW13 Files", and "WRCC RAWS".
- Fires:** Includes a dropdown menu for "Agency" (set to "DOI Agencies"), buttons for "RAW Files", "WFMI Fire Import", and "Generic Fire Import", and a "Close" button at the bottom.

A yellow callout box with the text "Choose Fire Occurrence File Type" and an arrow points to the "WFMI Fire Import" button in the "Fires" section.

# IMPORT FIRE OCCURRENCE FILE(S)



Navigate to the Fire Family Plus/Station Catalogs Folder

Highlight the Station Catalog(s) you wish to import

Click "Open"

# IMPORT FIRE OCCURRENCE FILE(S)

The screenshot shows the FireFamily Plus application interface. The main window is titled "Northern\_Rockies.mdb - Working Set" and contains a menu bar (File, Data, Weather, Fires, Options, Batch, Window, Help) and a toolbar with various icons. A dialog box titled "Import Fire and Weather Data" is open, displaying a message: "Import Complete. 0 errors were encountered." Below the message are "Close" and "View Log" buttons. A yellow callout box on the left contains the text "Import of Fire Occurrence File(s) Complete" with an arrow pointing to the dialog box. The background of the slide features a faint circular logo with the text "FIRE OCCURRENCE" and "EXPERIMENT".

Import of Fire Occurrence File(s) Complete



# CLOSE DATA IMPORT WINDOW

The screenshot shows the FireFamily Plus application interface. The main window is titled "Northern\_Rockies.mdb - Working Set" and contains fields for "Database Name" (C:\Users\SMarien\Desktop\Northern\_Rockies) and "Description" (Default Database Structure for FireFamily Plus). It also has sections for "Active Working Set Definition" and "SIG/Station Metadata".

An "Import Fire and Weather Data" dialog box is open in the foreground. It has three main sections: "Stations" with a "WMS Station Catalogs" button; "Weather" with buttons for "Old Fwx Files", "FW9/FW13 Files", "Generic Wx Import", and "WRCC RAWS"; and "Fires" with an "Agency" dropdown set to "USFS" and buttons for "RAW Files", "WFMI Fire Import", and "Generic Fire Import". A "Close" button is located at the bottom right of the dialog box.

A yellow callout box with a black border contains the text "Click on 'Close' to close Data Import window". A brown arrow points from this box to the "Close" button in the dialog box.

StationID	Name
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# SAVE DATABASE

FireFamily Plus - Northern\_Rockies.mdb - Working Set

File Data Weather Fires Options Batch Window Help

Click on "Save" diskette icon

Northern\_Rockies.mdb - Working Set

Database Name: C:\Users\SMarien\Desktop\Northern\_Rockies

Description: Default Database Structure for FireFamily Plus

Active Working Set Definition

SIG/Station: 172501 - TURNER BROOK

Data Years (2005 - 2012): 2005 thru 2012

Enable Auxiliary Year Overlays

Analysis Period Length (Days): 1

Annual Filter (Time of Year)

Month: January thru December

Day: 1 thru 31

Fire Associations

SIG/Station Metadata:

StationID	Name	NFDRS Fuel Model	Use 88 Mode	Slope Class	Climate Class
172501	TURNER BROOK	G - Short-Needle (Heavy Dead)	<input checked="" type="checkbox"/>	1	3

