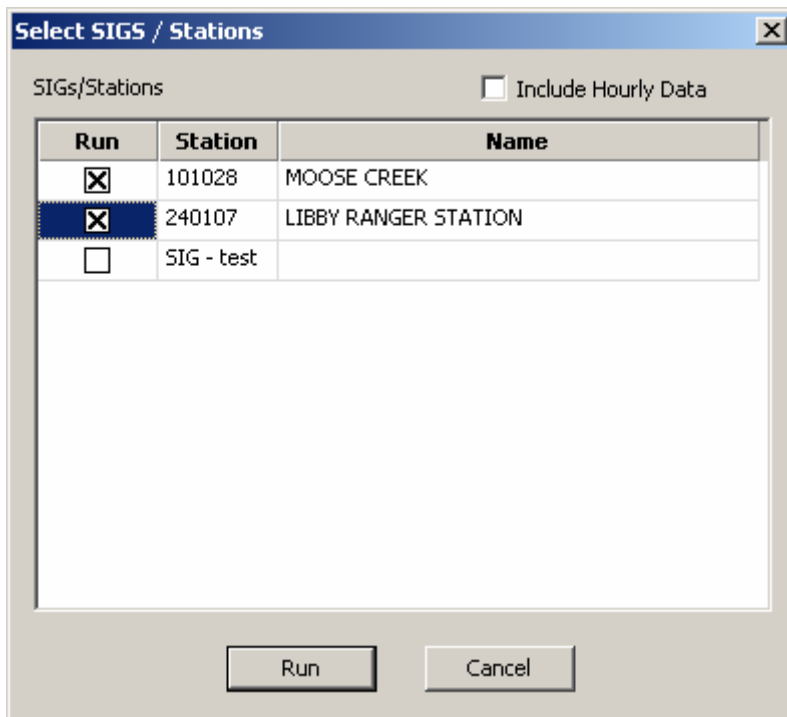
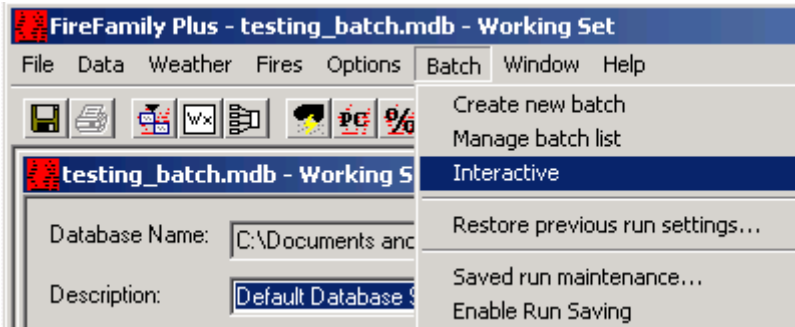
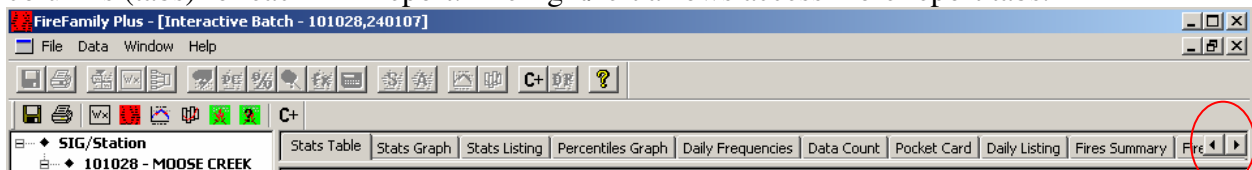


## FFP Tech Tip: Interactive Batch

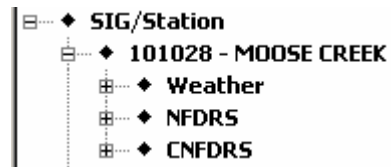
Interactive Batch allows you to select any number of stations and SIGs and run all FFP reports for all weather variables and indexes.



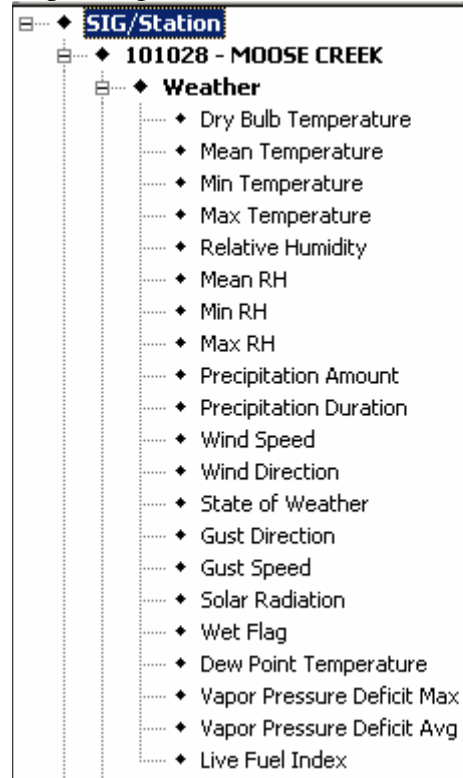
The results are displayed in a dialog window with a row for each selected Station/SIG and columns (tabs) for each FFP report. The right/left arrows access more report tabs.



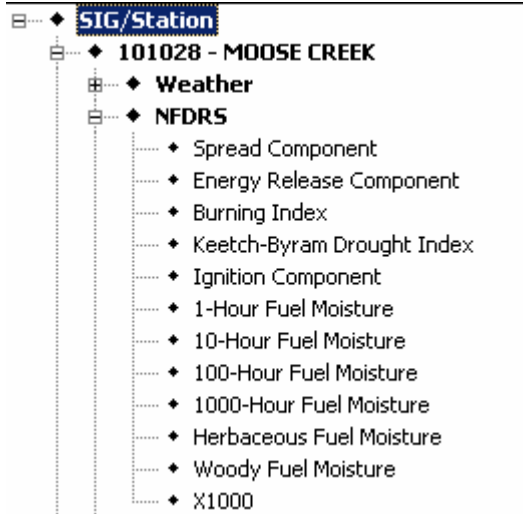
Expanding the Station (or SIG) (+) shows groups of variables – Weather, NFDRS, and CNFDRS.



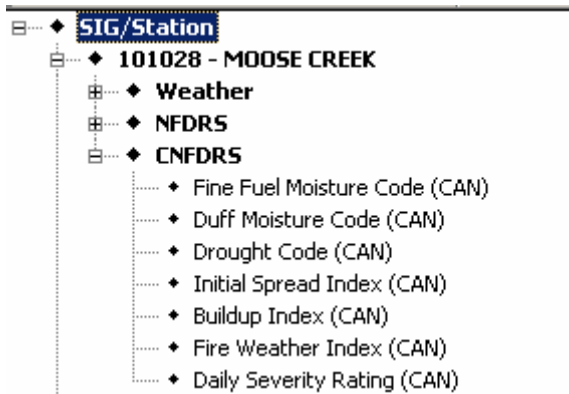
Expanding the Weather tree shows the Weather variables.



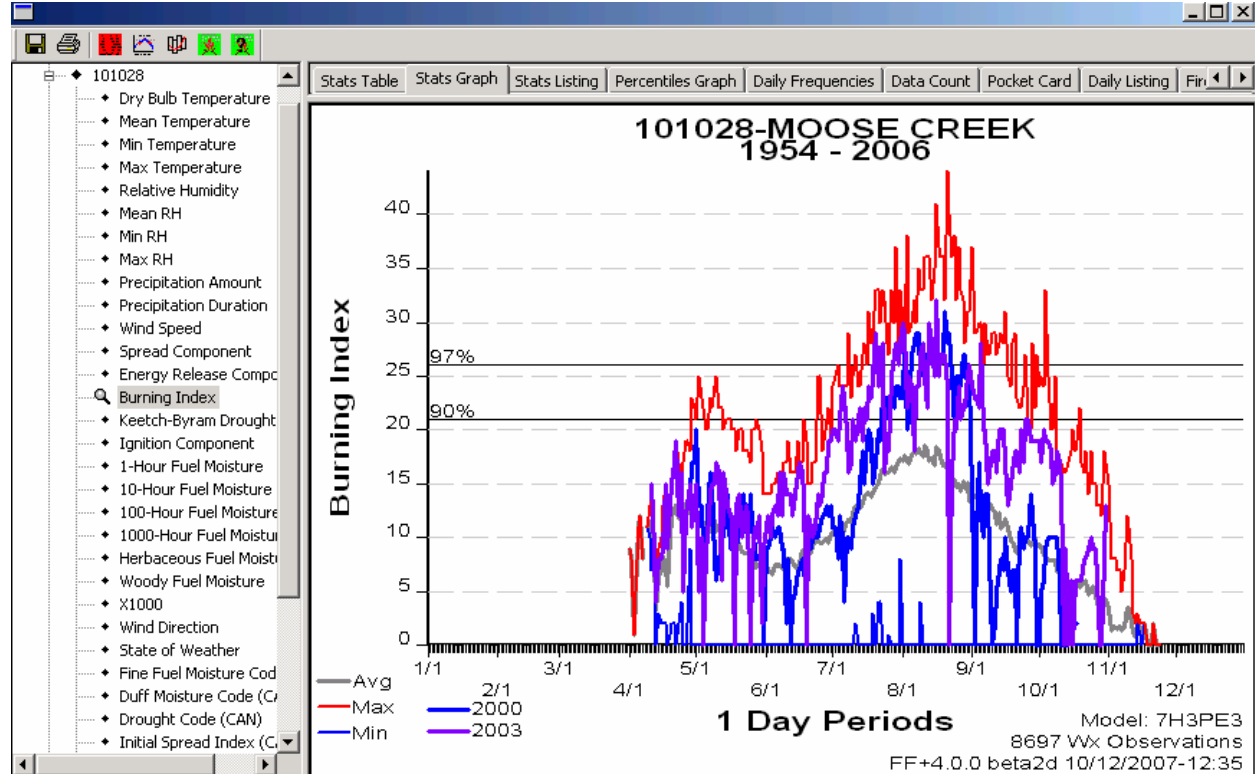
Expanding the NFDRS tree shows the US Fire Danger variables.



Expanding the CNFDRS tree shows the Canadian Fire Danger variables.



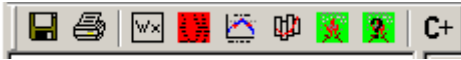
Clicking on *Burning Index* and the *Stats Graph* tab brings focus to that report in the main window.




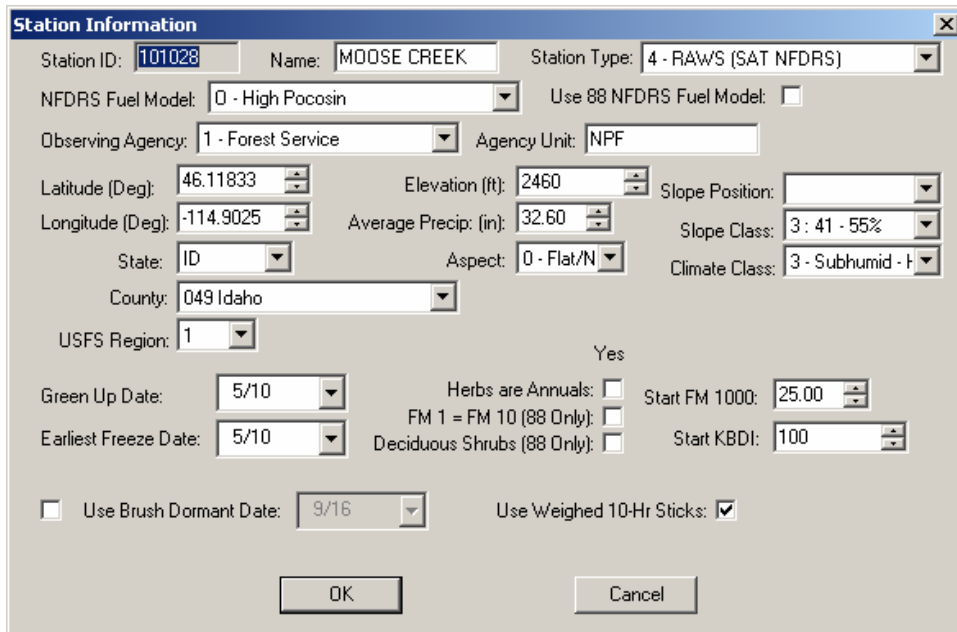
At the beginning of an Interactive Batch session:

1. **All data** for selected Station/SIGs are processed and initially displayed. The data years, annual filters, and analysis periods in the “normal” working set window **are ignored**.
2. The NFDRS fuel model parameters in the “normal” working set are used.
3. Most changes made to Interactive Batch working set definitions and options are saved in the “Normal” working set, but not all. See below for details.

Once you are looking at the interactive batch output window several icons on the menu bar become active. When you select an icon and modify the values the results are updated in all reports. You can:



 **Change NFDRS parameters.** Changes made here are applied **only to the currently viewed** Interactive Batch station/SIG and **are** updated in the “Classic” working set for that station/SIG.



**Station Information**

Station ID: 101028    Name: MOOSE CREEK    Station Type: 4 - RAW'S (SAT NFDRS)

NFDRS Fuel Model: 0 - High Pocosin    Use 88 NFDRS Fuel Model:

Observing Agency: 1 - Forest Service    Agency Unit: NPF


Latitude (Deg): 46.11833    Elevation (ft): 2460    Slope Position:   
Longitude (Deg): -114.9025    Average Precip: (in): 32.60    Slope Class: 3 : 41 - 55%  
State: ID    Aspect: 0 - Flat/N    Climate Class: 3 - Subhumid - F  
County: 049 Idaho

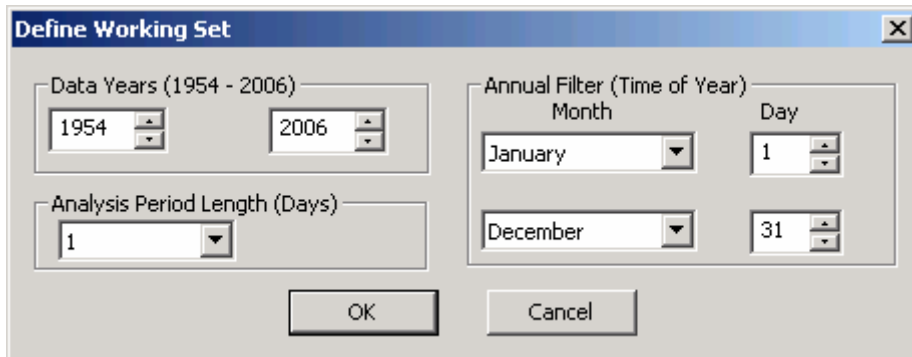
USFS Region: 1

Green Up Date: 5/10    Herbs are Annuals:     Start FM 1000: 25.00  
Earliest Freeze Date: 5/10    FM 1 = FM 10 (88 Only):     Start KBDI: 100  
Deciduous Shrubs (88 Only):

Use Brush Dormant Date: 9/16    Use Weighed 10-Hr Sticks:

OK    Cancel

 **Reset the working set.** Changes made here are applied **only to currently viewed** Interactive Batch station/SIG. It appears the “last” set values of data years and analysis periods **are** updated in the “Classic” working set for that station/SIG, but the annual filter is not. But remember, if you change the analysis period from 1 day to 10 in Interactive Batch, the 10-day grouping will be ignored the next time you use this station in interactive batch. It will be applied in the Classic mode.




**Define Working Set**

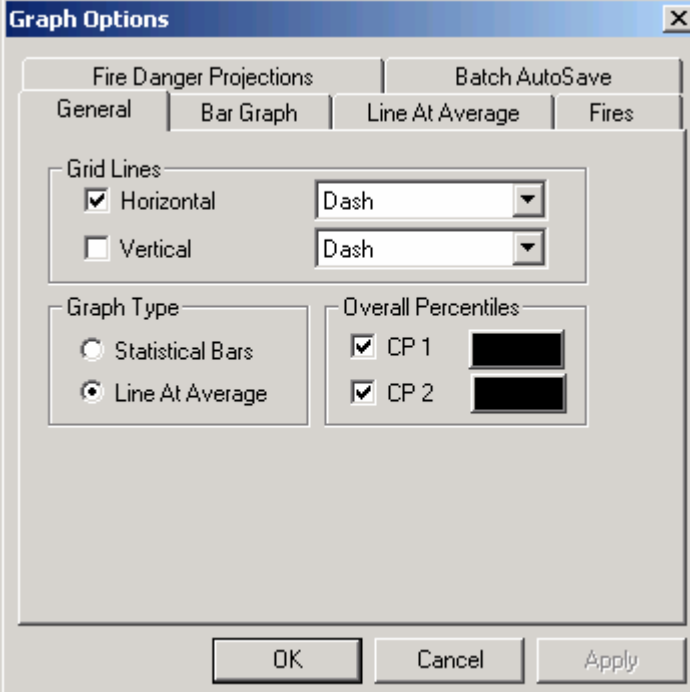
Data Years (1954 - 2006)  
1954    2006

Analysis Period Length (Days)  
1

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

OK    Cancel


 **Update graph options.** Changes made here are applied to **all checked stations/SIGS** in the Interactive Batch session **and are** updated in the “Classic” working set for those stations/SIGs.



The **Graph Options** dialog box is shown with the following settings:

- Fire Danger Projections** and **Batch AutoSave** are selected.
- General** tab is active.
- Grid Lines:**
  - Horizontal (Dash)
  - Vertical (Dash)
- Graph Type:**
  - Statistical Bars
  - Line At Average
- Overall Percentiles:**
  - CP 1 (Black)
  - CP 2 (Black)

Buttons: **OK**, **Cancel**, **Apply**

 **Change Overlays.** Changes made here are applied to **all checked stations/SIGS** in the Interactive Batch session **and are** updated in the “Classic” working set for those stations/SIGs.




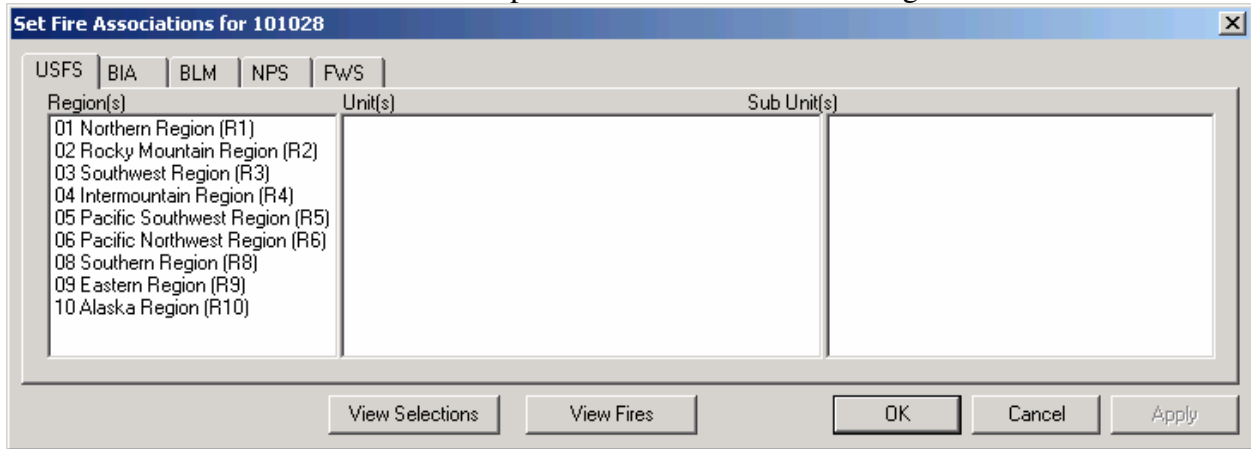
The **Set Overlay Options** dialog box is shown with the following settings:

Buttons: **New**, **Delete**


Year	Color	Width	Line Style
2000	Blue	3	Solid
2003	Purple	3	Solid

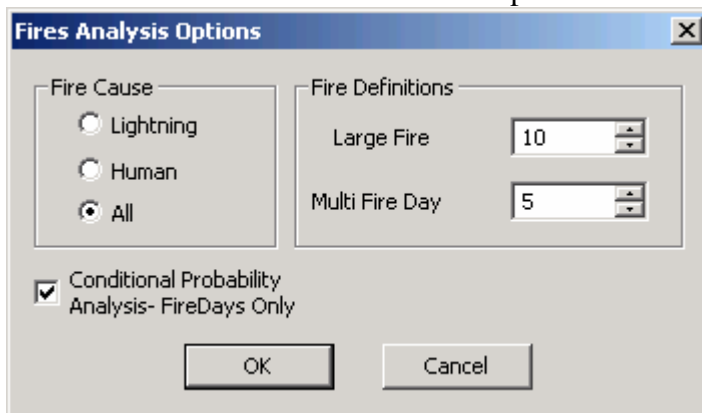
Buttons: **Cancel**, **Apply**, **OK**

 **Modify the Fire Associations.** Changes made here are applied **only to the currently viewed** Interactive Batch station/SIG and **are** updated in the “Classic” working set for that station/SIG.



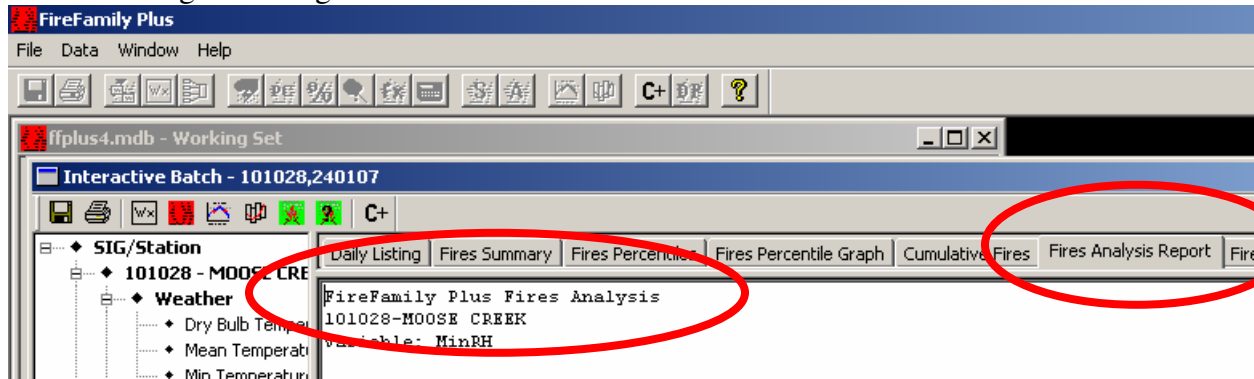
The dialog box titled "Set Fire Associations for 101028" features a tabbed interface with "USFS", "BIA", "BLM", "NPS", and "FWS" tabs. The "USFS" tab is active. It contains a table with three columns: "Region(s)", "Unit(s)", and "Sub Unit(s)". The "Region(s)" column lists ten regions: 01 Northern Region (R1), 02 Rocky Mountain Region (R2), 03 Southwest Region (R3), 04 Intermountain Region (R4), 05 Pacific Southwest Region (R5), 06 Pacific Northwest Region (R6), 08 Southern Region (R8), 09 Eastern Region (R9), and 10 Alaska Region (R10). The "Unit(s)" and "Sub Unit(s)" columns are currently empty. At the bottom of the dialog are buttons for "View Selections", "View Fires", "OK", "Cancel", and "Apply".

 **Modify Fire-Day Parameters.** Changes made here are applied **only to currently viewed** Interactive Batch station/SIG and **are** updated in the “Classic” working set for that station/SIG.

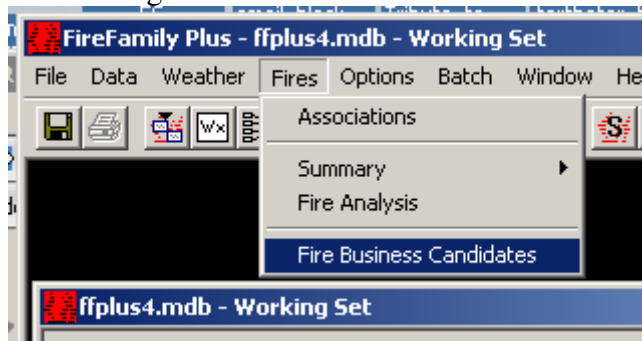


The dialog box titled "Fires Analysis Options" has a "Fire Cause" section with three radio buttons: "Lightning", "Human", and "All" (which is selected). The "Fire Definitions" section contains two spinners: "Large Fire" set to 10 and "Multi Fire Day" set to 5. A checkbox labeled "Conditional Probability Analysis- FireDays Only" is checked. At the bottom are "OK" and "Cancel" buttons.

**C+** *Add Goodness of Fit Statistics to a Candidates Table.* When you are viewing the statistics from a Fire Analysis report, you can add the goodness of fit statistics to an FFP table called “Fire Business Candidates” by clicking the C+ button. Almost all the information about the model run is stored along with the goodness of fit statistics.



You can view the accumulated model candidates from **Fires->Fire Business Candidates** when the working set window is in focus. This can be from Interactive Batch or not.



In the Fire Business Candidates table you can limit the fire-type statistics, delete rows, and export the table to a CSV file for direct opening by a spreadsheet program. You can also sort on columns and add comments to a row (far most right column).

	SIG/Station	Years	Annual Filter	Variable	Model	Greenup	Freeze	FD Type	FD R <sup>2</sup>	FD Chi <sup>2</sup>	FD P-Val	FD P-Range	LFD Acres	LFD R <sup>2</sup>	L
1	101028	1996 - 2008	1/1 - 12/31	BI	703PE3	5/10	5/10	All	0.74	55.41	0.0000	0.09 - 0.65	10	0.88	1
2	240107	2000 - 2006	5/1 - 10/31	ERC	7G3PE3	5/15	5/15	All	0.93	21.98	0.0050	0.03 - 0.88	10 (C)	0.70	7
3	101028	1996 - 2008	1/1 - 12/31	ERC	703PE3	5/10	5/10	All	0.98	7.08	0.5282	0.02 - 0.73	10	0.94	9
4	101028	1996 - 2008	1/1 - 12/31	KBDI	703PE3	5/10	5/10	All	0.88	40.04	0.0000	0.05 - 0.54	10	0.88	1
5	101028	1996 - 2008	1/1 - 12/31	MinRH	703PE3	5/10	5/10	All	0.00	0.00	0.0000	0.00 - 0.00		0.00	0
6	101028	1996 - 2008	1/1 - 12/31	MinRH		5/10	5/10	All	0.95	10.45	0.2347	0.01 - 0.53	10	0.96	3
7	240107	2000 - 2006	5/1 - 10/31	RH		5/15	5/15	All	0.76	56.86	0.0000	0.02 - 0.65	10 (C)	0.45	1
8	101028	1996 - 2008	1/1 - 12/31	SC	703PE3	5/10	5/10	All	0.51	84.32	0.0000	0.16 - 0.72	10	0.66	3
9	SIG - test	1996 - 2007	1/1 - 12/31	Temp	7	5/15	5/15	All	0.00	0.00	0.0000	0.00 - 0.00		0.00	0
10	101028	1996 - 2008	1/1 - 12/31	Temp		5/10	5/10	All	0.98	6.34	0.6091	0.01 - 0.74	10	0.96	5
11	101028	1996 - 2008	1/1 - 12/31	WindSpeed		5/10	5/10	All	0.51	16.44	0.0365	0.20 - 0.49	10	0.21	1