

Known Bugs and Issues, BehavePlus version 5.0.5

If you think you have found a bug within BehavePlus, we would appreciate hearing from you. Please check the **Known Bugs** below and the [FAQs](#) page to make sure that this problem has not already been resolved. Then, send a copy of any screenshots and a detailed error message describing the problem and what you were doing when the problem arose to the



Fire Applications Help Desk via:

- Phone at 866-224-7677 or 360-326-6002,
- Fax: 866-328-1364,
- E-mail at helpdesk@dms.nwcg.gov, or
- Website at <https://fam.nwcg.gov/fam-web/>.



Known Bugs, BehavePlus Version 5.0.5, Build 307

All known bugs from previous versions have been fixed.
Please ensure you have the latest version of the program.



Squashed Bugs, version 5

Special case palmetto-gallberry fuel model problem

Description	Incorrect results are generated for palmetto-gallberry special case fuel model for live fuel moisture less than 120%. (This is not one of the 53 standard fuel models.)
Reported	Version 5.0.4 Build 305 on June 24, 2011
Status	Fixed in Version 5.0.5 Build 307 on August 12, 2011.

Two-fuel results incorrect if surface ROS not selected

Description	Incorrect results are generated when surface rate of spread is not selected as an output variable for the two-fuel model option in SURFACE.
Reported	Version 5.0.4 Build 305 on May 27, 2011.
Status	Fixed in Version 5.0.5 Build 307 on August 12, 2011.

CONTAIN results are incorrect

Description	CONTAIN uses forward rate of spread of 1.0 ch/h, ignoring ROS values that are either entered or calculated in SURFACE.
Reported	Version 5.0.3 Build 301 on February 11, 2011
Status	Fixed in Version 5.0.4 Build 305 on March 6, 2011

Incorrect effective wind speed reported for two-fuel model options and specified direction of spread

Description	The wrong effective wind speed is reported when the two-fuel model options are used. The correct wind speed is used to calculate rate of spread and length-to-width ratio. This problem only occurs when Surface fire spread direction is in directions specified on the worksheet is selected.
Reported	Version 5.0.2 Build 299 on August 27, 2010
Status	Fixed in Version 5.0.3 Build 301 on November 22, 2010

Two-fuel dynamic model bug

Description	Erroneous answers were generated for the first calculation using dynamic fuel models if the previous run used static fuel models. A second calculation gave the right answer.
Reported	Version 5.0.1 Build 297 on July 29, 2010
Status	Fixed in Version 5.0.2 Build 299 on August 3, 2010

Custom fuel models don't work

Description	You get an error when you try to save a custom fuel model or attach a custom fuel model folder.
Reported	Version 5.0.0 Build 295 on April 9, 2010
Status	Fixed in Version 5.0.1 Build 297 on April 15, 2010

Table of References file doesn't open

Description	A file associated with a new item on the Help > Master Index doesn't open.
Reported	Version 5.0.0 Build 295 on April 5, 2010
Status	Fixed in Version 5.0.1 Build 297 on April 15, 2010

Two-fuel spread direction bug

Description	Version 5.0 Beta1 (Build 289) produces wrong flame lengths for SURFACE with two-fuel model and input spread direction options. Beta2 (Build 290) is a partial fix. Correct flame length values are calculated for the two-fuel model option when a single value of spread direction is input. Multiple spread direction values are still a problem for the two-fuel model option. The bug does not occur when using a single fuel model.
Reported	Version 5.0 Beta1 Build 289 and Beta2 Build 290, December 2009
Status	Fixed in Version 5.0.0 Build 295 on April 9, 2010