



# FVS Newsletter

Issue 11

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## Forest Vegetation Simulator



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## Highlights

Welcome to the eleventh issue of the Forest Vegetation Simulator (FVS) Newsletter! The new interface has been on the street for two months and we'll discuss how the use and visibility is going. We'll also touch on the upcoming trainings and where we are with preparing for the new format. Lastly, we describe any major updates since our last FVS version release in November 2019.

Our goal is to keep FVS users up-to-date on recent changes and new additions to the software. For more information on FVS, or to find past issues of our Newsletters or Bulletins, please visit our [website](#).

Feel free to let us know how we are doing. You can pass along any advice, ideas, or other input that you think will help to our [email](#).

## Release Info

Version: 2906

Revision: 20200101

## The New FVS Interface Hits the Streets

It has been two months since the release of the new FVS interface and we are excited about the reviews and the feedback.

For starters, we went on the road to various locations and showcased the new features. Users had a chance to run through exercises and ask questions. There was also an opportunity to discuss how FVS is being used in the field and what the FVS staff can do to better support and help. Overall, we got great reviews and we want to thank everyone who participated.

Second, we have been noticing more helpdesk calls and emails from users trying out the new interface. If you haven't had a chance to use the new interface, please head on over to our website and download the [latest version](#).

We hope you find it more user-friendly and the outputs more useful.

Don't worry, we haven't forgotten about the FVS Legacy software (Suppose). We will continue to maintain and support Suppose into the near future. With that being said, please start getting familiar with the new interface at your easiest convenience. Better yet, sign up for one of our five basic trainings this year!

## Upcoming Trainings - Reminder

The following five basic-level training sessions are confirmed:

- Milwaukee, WI: Feb 03 – 07, 2020
- Albuquerque, NM: Feb 24 – 28, 2020
- Bend, OR: Mar 09 – 13, 2020
- Ogden, UT: Apr 06 – 10, 2020
- Sacramento, CA: Apr 20 – 24, 2020

There are still spots available for Forest Service personnel and National Advanced Silviculture Program (NASP) students at all locations. There is a waitlist for other interested FVS users. Approximately one month prior to the scheduled date, we will open the registration to individuals on the waitlist. Spots will be filled until we reach the maximum (approximately 30 students).

Please continue to check out our [Instructor-Led Training](#) webpage for more details and to learn how you can register.

## FVS Updates

As we continue the transition from Suppose to the FVS-Online/Local configurations, all user interfaces will continue to be updated and maintained. In this section we will highlight the main updates to FVS and will note which interfaces are affected.

### Species Group Membership

Variants affected: All

Interface: All

The species group (SPGROUP) keyword was previously capped at 50 species. Users of eastern variants were interested in including more species, particularly when simulating hardwood species. Therefore, we expanded the capacity of SPGROUP to include a greater number of species. Users can now select up to 90 species in any variant.

Impact on users: Users can select more species to include in a species group. Users of eastern FVS variants can now include all hardwood species represented in the variant.

### Initialization of Variables

Variants affected: OC, OP

Interface: All

Fatal mathematical errors due to uninitialized variables were occurring with bare ground initiated simulations. This was only associated with the OC and OP variants. The projection errors have been resolved.

Impact on users: Users should re-run any bare ground simulations in the OC and OP variants.

### FVS\_CalibStats Database

Variants affected: All

Interface: Online/Local FVS configurations

The calibration statistics table displays a summary of growth calibration factors calculated from input growth data. In FVS Legacy, the calibration statistics were written to a separate output file. In the new FVS configurations, calibration statistics are output to the FVS\_CalibStats database table, and can be displayed in tabular format through the Select Outputs tab.

Impact on users: Users of the Online/Local FVS configurations will have the opportunity to select the above table as outputs.

### FVS\_Regen\_Tally Database

Variants affected: CS, LS, NE

Interface: Online/Local FVS configurations

A regeneration tally provides a summary of the regeneration that occurred at the end of a cycle. In FVS Legacy, the regeneration tally was displayed in the main output file. In the new FVS configurations, this summary is output to the FVS\_Regen\_Tally database table, and can be displayed in tabular format through the Select Outputs tab. This was previously unavailable for the Central States, Lake States and Northeast variant, but is now extended to all variants.

Impact on users: Users of the Online/Local FVS configurations will have the opportunity to select the above table as outputs for all variants.

### Readjustment Keywords

Variants affected: All

Interface: Online/Local FVS configurations

Two of the Readjustment Correction Keyword multipliers have been added to the calibration statistics table:

- READCORD: Used to readjust the baseline estimates for the large-tree diameter growth model.
- READCORH: Used to readjust the baseline estimate for the large-tree height growth model.

Impact on users: Values selected for either of the above two keywords will now be displayed in the calibration statistics table.

## **FVS\_Stats\_Species**

Variants affected: All

Interface: Online/Local FVS configurations

The FVS\_Stats\_Species table was reporting inventory statistics for individual species erroneously when one or more of the species had zero cubic foot volume. This has been fixed.

Impact on users: Users should re-run simulations where the FVS\_Stats\_Species output was used.

### **Regional coordinators for information specific to your geographic area.**

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