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| **FVS Release Bulletin** |
| July 28, 2023 |
| Forest Vegetation Simulator  FVS Logo  Forest Management Service Center  2150A Centre Avenue  Fort Collins, CO 80526-1891  970-295-5770  Email: [SM.FS.fvs-support@usda.gov](mailto:SM.FS.fvs-support@usda.gov)  Web: <https://www.fs.usda.gov/fvs/index.shtml>  [Subscribe/Unsubscribe](https://www.fs.usda.gov/fvs/documents/newsletters/subscribe.php)  [Update](https://www.fs.usda.gov/fvs/documents/newsletters/update.php) |
| Highlights We are pleased to announce the July release of the Forest Vegetation Simulator (FVS). The latest version is now available for download via our [website](https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.fs.usda.gov%2Ffvs%2Fdocuments%2Fnewsletters%2Findex.php&data=05%7C01%7C%7Cc58f5b6c76f2453b36a808db67917aac%7Ced5b36e701ee4ebc867ee03cfa0d4697%7C0%7C0%7C638217646758487982%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=cJVjrH0JPVG%2FjgEkI6oUBsBEeo7QE%2BCpLezPXgmF%2Fvs%3D&reserved=0) or from the Forest Service Software Center.  In this bulletin we describe the major updates since our last FVS version release dated May 2023.  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](https://www.fs.usda.gov/fvs/documents/newsletters/index.php).  Feel free to let us know how we are doing. You may [email](mailto:SM.FS.fvs-support@usda.gov) us with any advice, ideas, or other input that you think will help. Release Info Version: 2023.3  Revision: 20230728 Base FVS Updates This section highlights the main updates to the base FVS code. Addition of Colville National Forest to East Cascades (EC) Variant The Colville National Forest, location code 621, has been added as valid input to the East Cascades (EC) Variant. This location will be mapped to the Tonasket Ranger District of the Okanogan National Forest (location 699) for all growth, yield, and mortality modeling. Check and Warning of Excess Tree Per Acre Input A check and warning statement has been added to FVS to alert users when an individual tree record includes a tree count in excess of 1,000 trees per acre. This warning will be printed in the FVS main output file. FVS Interface Updates This section highlights the updates and improvements made to the FVS interface which are intended to provide an improved user experience. Addition of Composite Calibration Statistics Table A table (cmpCalibStats) has been added to the available output that provides the composite calibration statistics when running multiple stands in a single run. Run Contents Validation prior to Adding Components Additional validation functions have been built into the FVS interface to prevent users from adding components to an empty run in which no stands are included in the ‘Run Contents’ window. In the event a user attempts to add components to an empty run, a popup notification will also appear alerting the user of the requirement. |
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