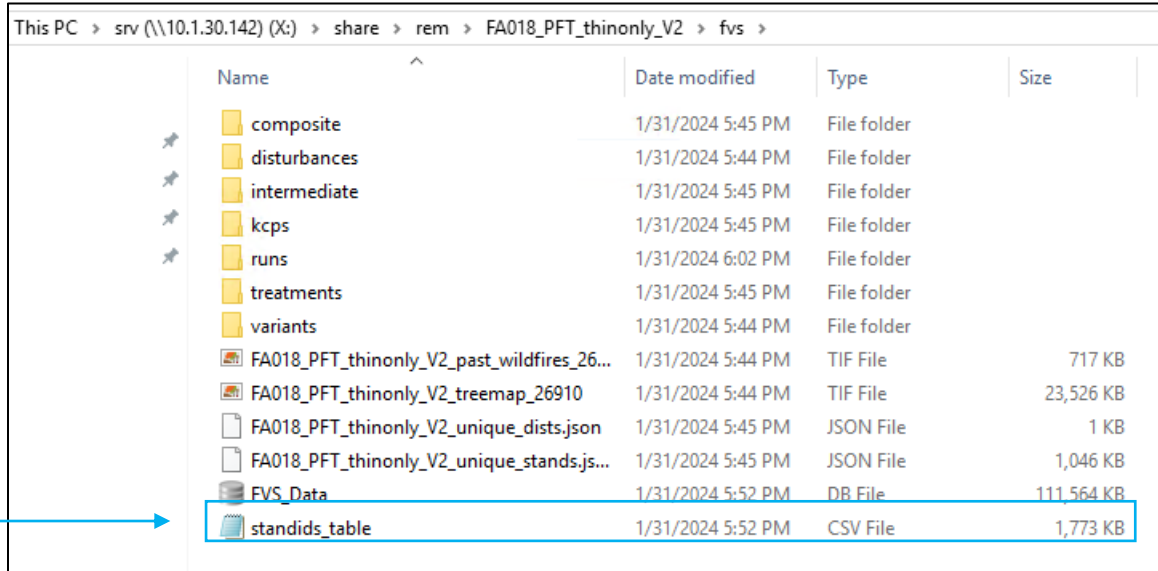


## Signs that each FCAT step has completed running

Time for each step varies with size and variability of the project area and the time frame (start & end year) of the project, so it is best to use the following signs to know when each step is completed.

### Step 1: FVS set up

- The standids\_table.csv file is in the share/rem/<project\_name>/fvs folder

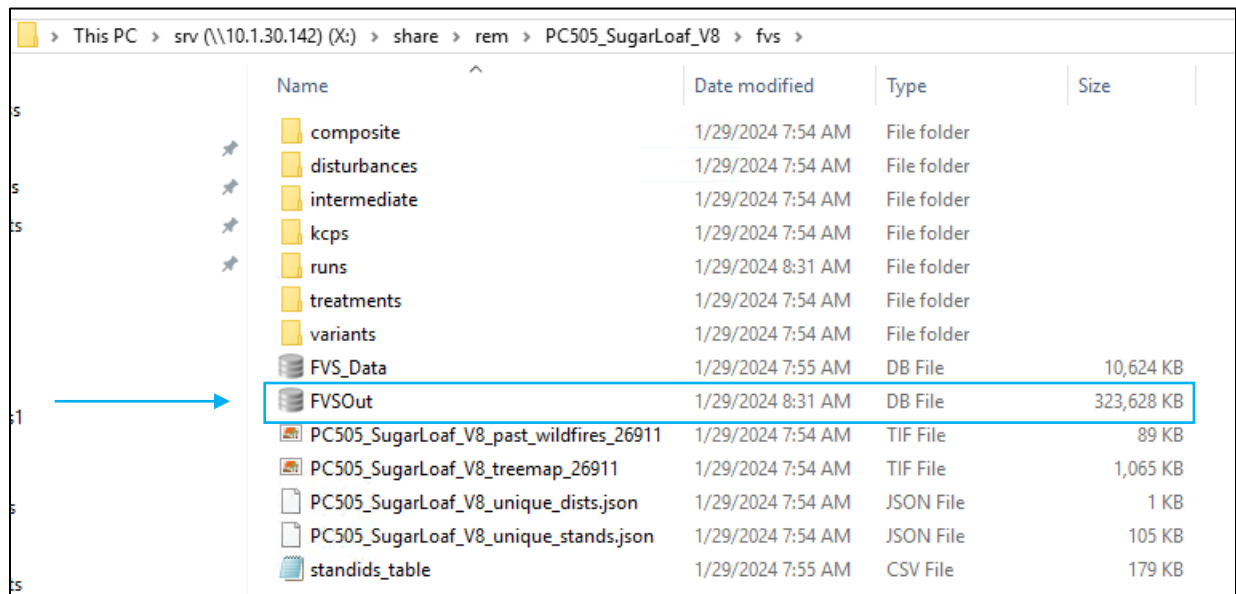


This PC > srv (\\10.1.30.142) (X:) > share > rem > FA018\_PFT\_thinonly\_V2 > fvs >

Name	Date modified	Type	Size
composite	1/31/2024 5:45 PM	File folder	
disturbances	1/31/2024 5:44 PM	File folder	
intermediate	1/31/2024 5:45 PM	File folder	
kcps	1/31/2024 5:45 PM	File folder	
runs	1/31/2024 6:02 PM	File folder	
treatments	1/31/2024 5:45 PM	File folder	
variants	1/31/2024 5:44 PM	File folder	
FA018_PFT_thinonly_V2_past_wildfires_26...	1/31/2024 5:44 PM	TIF File	717 KB
FA018_PFT_thinonly_V2_treemap_26910	1/31/2024 5:44 PM	TIF File	23,526 KB
FA018_PFT_thinonly_V2_unique_dists.json	1/31/2024 5:45 PM	JSON File	1 KB
FA018_PFT_thinonly_V2_unique_stands.js...	1/31/2024 5:45 PM	JSON File	1,046 KB
FVS_Data	1/31/2024 5:52 PM	DB File	111,564 KB
standids_table	1/31/2024 5:52 PM	CSV File	1,773 KB

### Step 2: FVS execution

- The FVSOut.db file is in the share/rem/<project\_name>/fvs folder

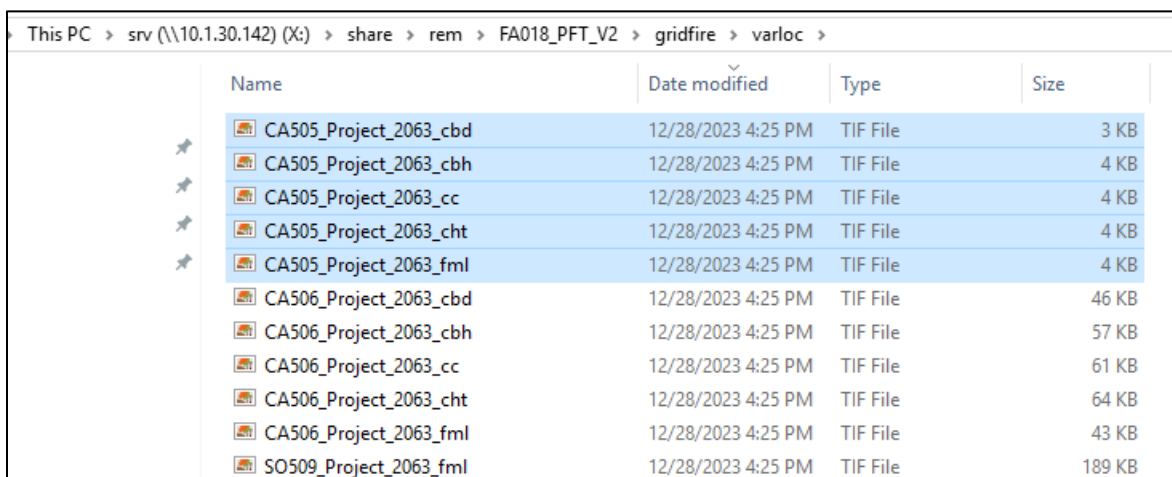


This PC > srv (\\10.1.30.142) (X:) > share > rem > PC505\_SugarLoaf\_V8 > fvs >

Name	Date modified	Type	Size
composite	1/29/2024 7:54 AM	File folder	
disturbances	1/29/2024 7:54 AM	File folder	
intermediate	1/29/2024 7:54 AM	File folder	
kcps	1/29/2024 7:54 AM	File folder	
runs	1/29/2024 8:31 AM	File folder	
treatments	1/29/2024 7:54 AM	File folder	
variants	1/29/2024 7:54 AM	File folder	
FVS_Data	1/29/2024 7:55 AM	DB File	10,624 KB
FVSOut	1/29/2024 8:31 AM	DB File	323,628 KB
PC505_SugarLoaf_V8_past_wildfires_26911	1/29/2024 7:54 AM	TIF File	89 KB
PC505_SugarLoaf_V8_treemap_26911	1/29/2024 7:54 AM	TIF File	1,065 KB
PC505_SugarLoaf_V8_unique_dists.json	1/29/2024 7:54 AM	JSON File	1 KB
PC505_SugarLoaf_V8_unique_stands.json	1/29/2024 7:54 AM	JSON File	105 KB
standids_table	1/29/2024 7:55 AM	CSV File	179 KB

### Step 3: GridFire part 1, Fuels

- All the fuel & canopy .tif files are present in the share/rem/<project\_name>/gridfire/varloc folder. There will be a set of 5 .tif files for each variant-location, for each the baseline and project, for each year GridFire is to be run. The last files to be generated in this folder will be for the 'Project' for the GridFire end year, in the example below, the final 5 files to be generated were for CA505\_Project\_2063\_<fuel or canopy variable>.tif.



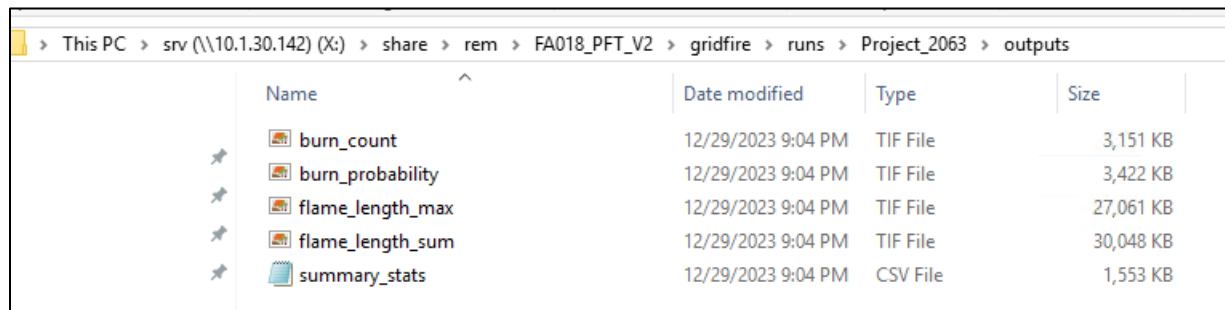
Name	Date modified	Type	Size
CA505_Project_2063_cbd	12/28/2023 4:25 PM	TIF File	3 KB
CA505_Project_2063_cbh	12/28/2023 4:25 PM	TIF File	4 KB
CA505_Project_2063_cc	12/28/2023 4:25 PM	TIF File	4 KB
CA505_Project_2063_cht	12/28/2023 4:25 PM	TIF File	4 KB
CA505_Project_2063_fml	12/28/2023 4:25 PM	TIF File	4 KB
CA506_Project_2063_cbd	12/28/2023 4:25 PM	TIF File	46 KB
CA506_Project_2063_cbh	12/28/2023 4:25 PM	TIF File	57 KB
CA506_Project_2063_cc	12/28/2023 4:25 PM	TIF File	61 KB
CA506_Project_2063_cht	12/28/2023 4:25 PM	TIF File	64 KB
CA506_Project_2063_fml	12/28/2023 4:25 PM	TIF File	43 KB
SO509_Project_2063_fml	12/28/2023 4:25 PM	TIF File	189 KB

### Step 4: GridFire part 2, Inputs

- In share/rem/<project\_name>/gridfire/gridfire\_inputs there will be a .tif of each fuel & canopy variable for each timestep for each baseline and project (90 files + the multiband folder), and a /multiband folder with a multiband .tif for each timestep for each baseline and project (18 files).

### Step 5: GridFire part 3, Execution

- In share/rem/<project\_name>/gridfire/runs there is a folder for each timestep for each baseline and project. In each of those folders are 2 folders labeled 'inputs' and 'outputs'. When this step is finished running there will be 5 files in each /outputs folder. The outputs for Project\_<end year> will typically be the final outputs generated, monitor this folder to confirm completion.



Name	Date modified	Type	Size
burn_count	12/29/2023 9:04 PM	TIF File	3,151 KB
burn_probability	12/29/2023 9:04 PM	TIF File	3,422 KB
flame_length_max	12/29/2023 9:04 PM	TIF File	27,061 KB
flame_length_sum	12/29/2023 9:04 PM	TIF File	30,048 KB
summary_stats	12/29/2023 9:04 PM	CSV File	1,553 KB

### Step 6: GridFire part 4, Outputs

- In share/rem/<project\_name>/gridfire/outputs there is a csv file titled 'average\_fire\_sizes' – when that file stops updating (the 'Date modified' will periodically update as this step runs). I usually give it 20-30 minutes of no updating just to be sure before proceeding to the next step.

### Step 7: Carbon

- Runs fast, but still check the carbon folder for the 2 csv files 'carbon\_summary\_data' and 'stand\_acres' AND that they are >OKB in size.

## Step 8: FOFEM

- The folder fofem/ will have 11 files in it.

srv (\\10.1.30.142) (X:) > share > rem > FA016_GSLC_FRR_V1 > fofem				
	Name	Date modified	Type	Size
✦	baseline_FOFEM_amended	2/5/2024 1:38 PM	CSV File	13,829 KB
✦	baseline_FOFEM_error	2/5/2024 1:37 PM	Text Document	1 KB
✦	baseline_FOFEM_input	2/5/2024 1:23 PM	CSV File	10,501 KB
✦	baseline_FOFEM_log	2/5/2024 1:37 PM	Text Document	1 KB
✦	baseline_FOFEM_output	2/5/2024 1:37 PM	CSV File	12,894 KB
	FOFEM_results	2/5/2024 1:38 PM	CSV File	3 KB
	project_FOFEM_amended	2/5/2024 1:38 PM	CSV File	652 KB
	project_FOFEM_error	2/5/2024 1:38 PM	Text Document	1 KB
	project_FOFEM_input	2/5/2024 1:23 PM	CSV File	498 KB
	project_FOFEM_log	2/5/2024 1:38 PM	Text Document	1 KB
	project_FOFEM_output	2/5/2024 1:38 PM	CSV File	611 KB

## Step 9: Delayed Regeneration

- The 'delayed\_reforestation' folder and file will appear. The file will update every 2-3 minutes. Wait until the file has not updated in at least 10-15 minutes.

## Step 10: Quantification

- The 'quantification' folder will appear with these 3 files:

srv (\\10.1.30.142) (X:) > share > rem > FA016_GSLC_FRR_V1 > quantification				
	Name	Date modified	Type	Size
✦	area_report	2/5/2024 2:08 PM	CSV File	1 KB
✦	FA016_GSLC_FRR_V1_quantification	2/5/2024 2:08 PM	DB File	88 KB
✦	FMU_report	2/5/2024 2:08 PM	CSV File	2 KB