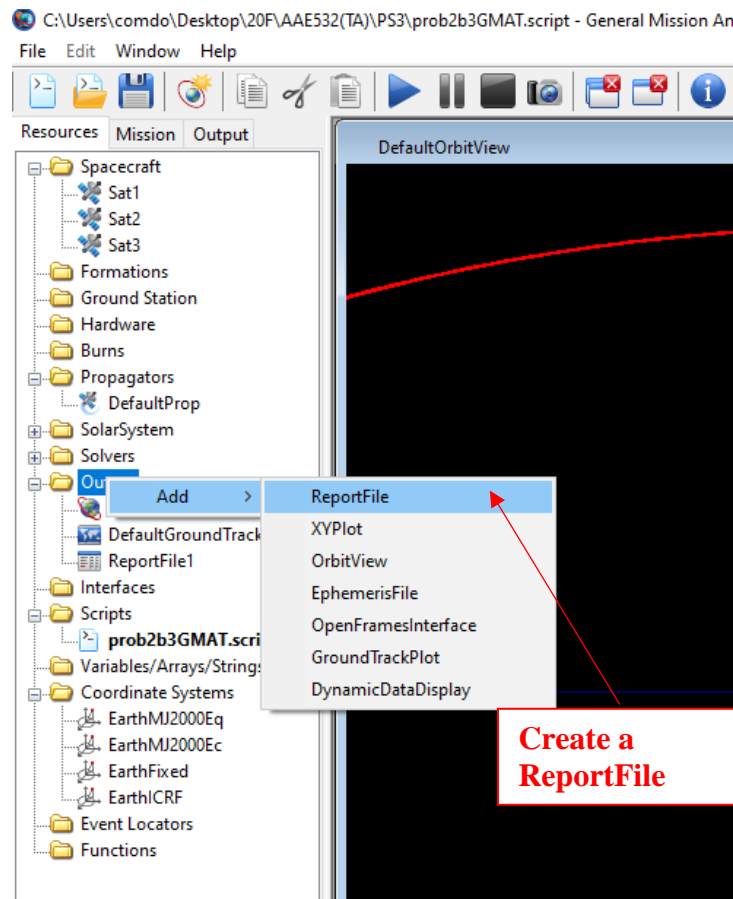
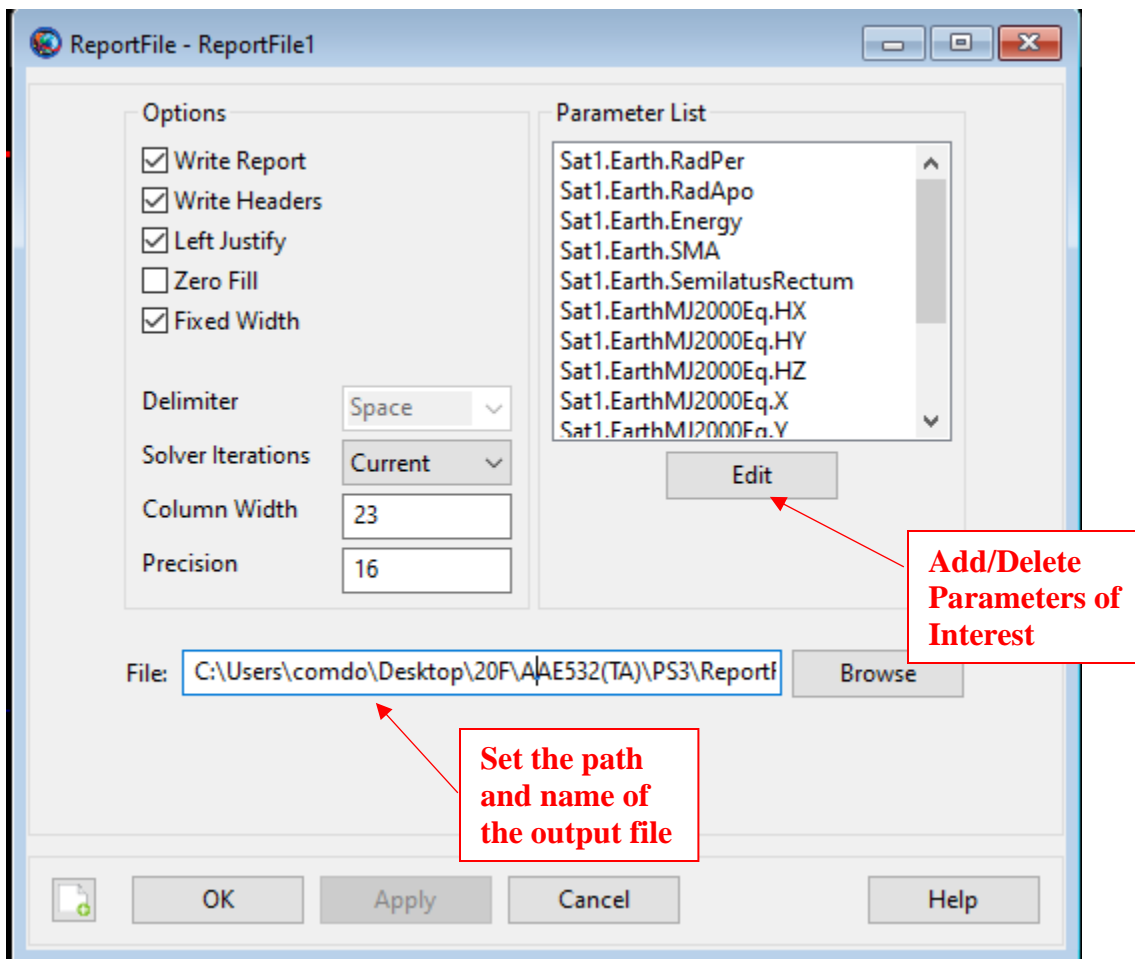


GMAT: Exporting output to a file.

In GMAT, you can make a report file that contains some data you are interested in. First click on the “Output” folder from the Resources tree, and click Add -> ReportFile. This will add “ReportFile1” to the tree, and you can change the settings by double-clicking it.





Inside the settings, you have two main functions.

1. You can add and delete parameters that you are interested in clicking on the “Edit” button.
2. You can set the path and name of the output file. If you only assign the name, the output file will be stored at the default location, which is the ‘~\GMAT\output’ folder. You can assign the path and the name together to save the output file at somewhere else. For example, you can write ‘C:\Users\output.txt’ to save the report file to the path.

You can also access the report file within GMAT. Click “Output” tab, and you can view it by double-clicking “ReportFile1”.

The screenshot shows the GMAT software interface. On the left, the 'Resources' pane is active, showing a tree view of the mission structure. Under the 'Reports' folder, 'ReportFile1' is highlighted with a red box and a red arrow. A red text box with the text 'Saved report file' points to 'ReportFile1'. The main window displays the 'Output' tab, showing a text report window titled 'ReportFile1 - C:\Users\comdo\Desktop\20F\AAE532(TA)\PS3\ReportFile1.txt'. The report contains a table with 6 columns and multiple rows of data. The columns are labeled as follows:

Sat1_Earth.RadPer	Sat1_Earth.RadApo	Sat1_Earth.Energy	Sat1_Earth.SMA	Sat1_Earth.SemilatusRectum	Sat1_Earth.MJ2000Eq.HX
6999.999999999997	32999.99999999999	-9.965011037500004	19999.99999999999	11550.00000000000	-44217.67388563682
6999.999999999997	32999.99999999999	-9.965011037500002	20000.00000000000	11549.99999999999	-44217.67388563683
6999.999999999997	32999.99999999999	-9.965011037500004	19999.99999999999	11549.99999999999	-44217.67388563682
6999.999999999997	32999.99999999999	-9.965011037500002	20000.00000000000	11550.00000000000	-44217.67388563682
6999.999999999997	32999.99999999999	-9.965011037499874	20000.00000000025	11550.00000000022	-44217.67388563726
6999.999999999997	32999.99999999999	-9.965011037499604	20000.00000000006	11550.00000000006	-44217.67388563808
6999.999999999997	32999.99999999999	-9.965011037499339	20000.00000000013	11550.00000000012	-44217.67388563877
6999.999999999997	32999.99999999999	-9.965011037499155	20000.00000000017	11550.000000000126	-44217.67388563925
6999.999999999997	32999.99999999999	-9.965011037499133	20000.000000000174	11550.000000000137	-44217.67388563945
6999.999999999997	32999.99999999999	-9.96501103749938	20000.000000000124	11550.000000000131	-44217.67388563933
6999.999999999997	32999.99999999999	-9.965011037499952	20000.00000000001	11550.000000000107	-44217.67388563888
6999.999999999997	32999.99999999999	-9.965011037500776	19999.999999999844	11550.000000000071	-44217.67388563819
6999.999999999997	32999.99999999999	-9.96501103750105	19999.999999999789	11550.000000000059	-44217.67388563795
6999.999999999997	32999.99999999999	-9.965011037501732	19999.999999999653	11550.000000000022	-44217.67388563725
6999.999999999997	32999.99999999999	-9.965011037502178	19999.99999999963	11549.99999999982	-44217.67388563648
6999.999999999997	32999.99999999999	-9.965011037501901	19999.999999999619	11549.99999999949	-44217.67388563584
6999.999999999997	32999.99999999999	-9.965011037501371	19999.999999999725	11549.99999999943	-44217.67388563573
6999.999999999997	32999.99999999999	-9.965011037500609	19999.999999999678	11549.99999999946	-44217.67388563578
6999.999999999997	32999.99999999999	-9.96501103749967	20000.000000000066	11549.99999999952	-44217.6738856359
6999.999999999997	32999.99999999999	-9.965011037496229	20000.000000000757	11549.99999999978	-44217.67388563641
6999.999999999997	32999.99999999999	-9.965011037494872	20000.000000001029	11549.99999999991	-44217.67388563665
6999.999999999997	32999.99999999999	-9.965011037490953	20000.000000001816	11550.00000000029	-44217.67388563739
6999.999999999997	32999.99999999999	-9.965011037486171	20000.000000002775	11550.00000000079	-44217.67388563833
6999.999999999997	32999.99999999999	-9.965011037481354	20000.000000003742	11550.000000000131	-44217.67388563932
6999.999999999997	32999.99999999999	-9.965011037480103	20000.000000003993	11550.000000000145	-44217.6738856396
6999.999999999997	32999.99999999999	-9.965011037478437	20000.000000004328	11550.000000000169	-44217.67388564005
6999.999999999997	32999.99999999999	-9.96501103747827	20000.000000004361	11550.000000000179	-44217.67388564024
6999.999999999997	32999.99999999999	-9.965011037479258	20000.000000004163	11550.000000000179	-44217.67388564024
6999.999999999997	32999.99999999999	-9.965011037480828	20000.000000003848	11550.000000000174	-44217.67388564015
6999.999999999997	32999.99999999999	-9.965011037482718	20000.000000003469	11550.000000000187	-44217.67388564002
6999.999999999997	32999.99999999999	-9.965011037494807	20000.000000003049	11550.000000000161	-44217.6738856399
6999.999999999997	32999.99999999999	-9.965011037486953	20000.000000002619	11550.000000000157	-44217.67388563982
6999.999999999997	32999.99999999999	-9.965011037488885	20000.000000002238	11550.000000000016	-44217.67388563989
6999.999999999997	32999.99999999999	-9.965011037489666	20000.000000002034	11550.000000000181	-44217.6738856403
6999.999999999997	32999.99999999999	-9.965011037488708	20000.000000002266	11550.000000000227	-44217.67388564115
6999.999999999997	32999.99999999999	-9.9650110374862	20000.00000000277	11550.000000000274	-44217.67388564207
6999.999999999997	32999.99999999999	-9.965011037483556	20000.00000000033	11550.000000000317	-44217.6738856429
6999.999999999997	32999.99999999999	-9.965011037481467	20000.0000000003719	11550.000000000352	-44217.67388564357
6999.999999999997	32999.99999999999	-9.965011037480373	20000.0000000003939	11550.000000000378	-44217.67388564406
6999.999999999997	32999.99999999999	-9.965011037480508	20000.0000000003912	11550.000000000392	-44217.67388564433
6999.999999999997	32999.99999999999	-9.965011037482242	20000.0000000003564	11550.000000000393	-44217.67388564436