6.1.1 - Get Data Products For A Guest Investigator Proposal.
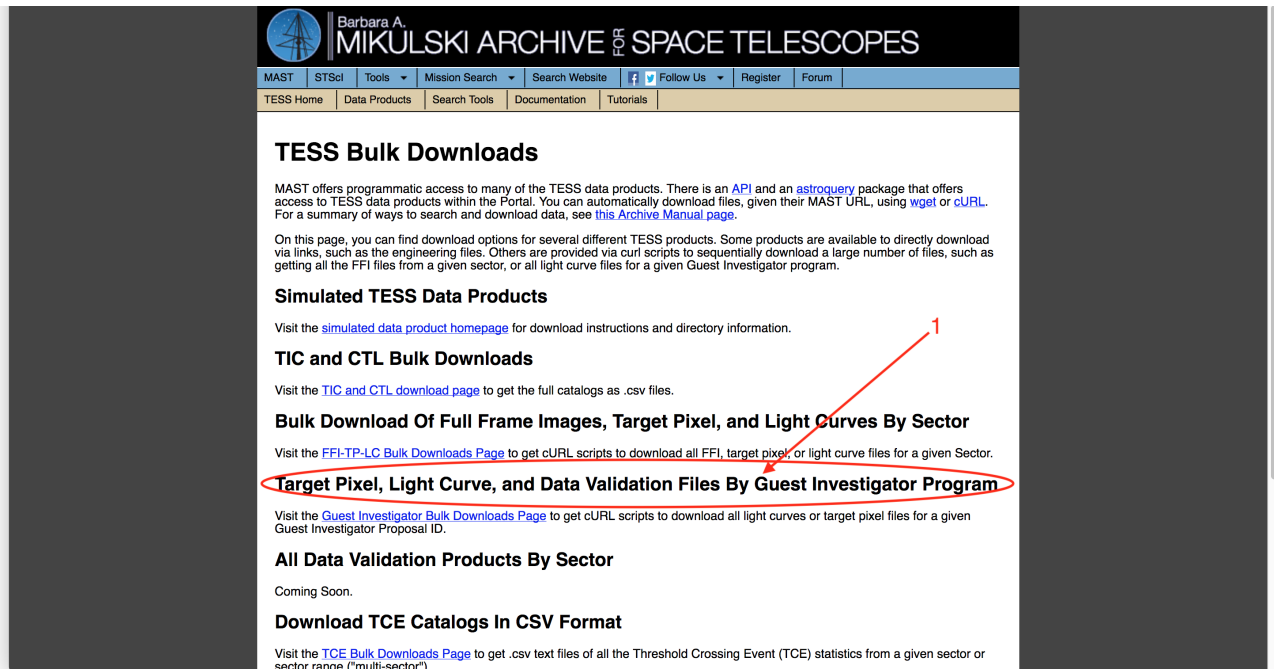
This tutorial will show you how to retrieve pre-constructed cURL scripts to download all target pixel, light curve, and data validation files across all Sectors for a given Guest Investigator program.

Step 1 - Visit The Bulk Downloads Page: The first step is to visit the Bulk Downloads Page for TESS at MAST. Included on this page is a section to download target pixel, light curve, and data validation files by proposal ID (Item #1).

Step 2 - Download The Bulk Download Script: The link at the top of the table (Item #1) points to the Approved Programs list at the TESS Science Support Center (TSSC), which includes all approved programs across all Sectors. The links in the first column (Item #2) will take you to a target list table (text file) at the TSSC, which includes the title, principal investigator, and abstract of the proposal. The links in the third column (Item #3) will download a shell script containing all the cURL commands needed to download the target pixel, light curve, and data validation files for the program across all Sectors.

Barbara A.
MIKULSKI ARCHIVE FOR SPACE TELESCOPES

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Download all TESS light curve, target pixel, and data validation (DV) files for a given Guest Investigator program ID using the cURL scripts provided.

Approved Guest Investigator Programs (TESS Science Support Center Page)	
Program ID (link to TSSC)	cURL File
G011025	tesscurl_prop_G011025.sh
G011047	tesscurl_prop_G011047.sh
G011048	tesscurl_prop_G011048.sh
G011060	tesscurl_prop_G011060.sh
G011068	tesscurl_prop_G011068.sh
G011073	tesscurl_prop_G011073.sh
G011083	tesscurl_prop_G011083.sh
G011092	tesscurl_prop_G011092.sh
G011112	tesscurl_prop_G011112.sh
G011113	tesscurl_prop_G011113.sh
G011114	tesscurl_prop_G011114.sh
G011122	tesscurl_prop_G011122.sh
G011123	tesscurl_prop_G011123.sh
G011127	tesscurl_prop_G011127.sh
G011129	tesscurl_prop_G011129.sh
G011130	tesscurl_prop_G011130.sh
G011132	tesscurl_prop_G011132.sh
G011133	tesscurl_prop_G011133.sh
G011144	tesscurl_prop_G011144.sh
G011148	tesscurl_prop_G011148.sh
G011153	tesscurl_prop_G011153.sh

1
2
3

Step 3 - Make The Script Executable And Run It: Once you have downloaded the file, make it executable (on Linux/Mac you can run a "chmod" command) and then run the file and your downloads will begin. The files will be saved on disk in the same location you ran the script from.