How to download and install the APT Version 2.0 on your desktop:

Go to https://github.com/erdc/Antecedent-Precipitation-Tool/releases/latest

You can find the user guide here: <a href="https://erdc-library.erdc.dren.mil/jspui/bitstream/11681/47189/3/ERDC-TN%20WRAP-23-2.pdf">https://erdc-library.erdc.dren.mil/jspui/bitstream/11681/47189/3/ERDC-TN%20WRAP-23-2.pdf</a>

Note: You'll have to delete APT version 1.0 if you already have that before you can install version 2.0.

- 1. Download the "Antecedent.Precipitation.Tool.7z" file from GitHub
- 2. Extract the "Antecedent Precipitation Tool" folder from the 7z file.
  - a. Recommend extracting to stand-alone "APT" folder on your C: drive (e.g., C:\APT)
- 3. Run main\_ex.exe within the extracted "Antecedent Precipitation Tool" folder
  - a. Will also create Desktop shortcut to use on subsequent uses of APT
- libxslt.dll
  libzmq-mt-4\_3\_4.dll
  lzmainfo.exe
  lzmain\_ex.exe
  mfc140u.dll
  mfhdf.dll
  MSVCP140.dll
  MSVCP140\_1.dll

## For Windows:

- 2. The user must extract the operational code by using the 7-zip file manager software, available for download at <a href="https://www.7-zip.org/">https://www.7-zip.org/</a>.
- 3. Once extracted, the user will then have access to the Antecedent Precipitation Tool directory. To access the tool's functionality, the user should navigate into the Antecedent Precipitation Tool directory to find the main\_ex.exe file. The Antecedent Precipitation Tool directory contains all the files necessary to operate the APT and the APT's outputs.
- 4. Double-clicking the main\_ex.exe file will open the APT Microsoft Disk Operating System (MS-DOS) window. This window will provide the user with feedback when the tool is operating that will be useful in diagnosing issues that the user might encounter.
- 5. If the user is operating the APT for the first time, the APT will create the Antecedent Precipitation Tool.lnk file on the user's desktop for easy access.

- 6. To ensure the inputs utilized by the APT are up to date, the system will automatically check for and install updates to APT datasets.
  7. The APT MS-DOS window will launch the APT graphical user interface (GUI). Figure 1 illustrates the current GUI.