1. Annual TeX Live update (released beginning of April, every year, used to create pdfs):
    1. Click on the `ArboMAP.Rproj` file to open the project in RStudio.
    2. In RStudio, in the Files pane, click on `annual_midApril_tex_update.R`.
    3. In the Source pane that opens up, make sure the cursor is at the start of line 1, and hit "Run".

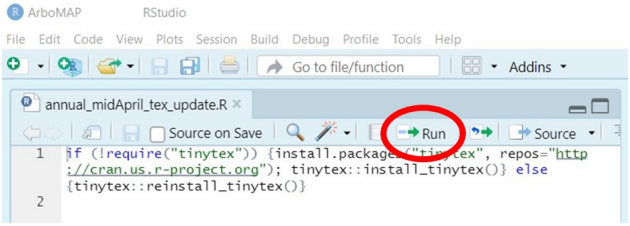

Figure 1: Annual TeX update script as seen in RStudio Source pane.

2. Update human data: At the beginning of a new season, i.e. a new forecast year, the previous year's human case data will need to be added to the single CSV file, in the `data_human` folder, with these required fields:
    - County identification field: Either the county FIPS code (`fips`, `FIPS`, `fips_code`, or `FIPS_CODE`) or the county name (`county`, `district`, `parish`, or `Parish`), as matched to what is used in mosquito data.
    - `date`: the onset date of the symptoms of the case ("MM/DD/YYYY" or in non-ambiguous formats such as YYYY-MM-DD)
3. Update off-season weather data via GEE app:
    1. Go to https://dawneko.users.earthengine.app/view/arbomap-gridmet.
    2. Pick your state, and edit the start date to a week or so before the last updated previous data.
    3. Click the download link in the popup window on the map. Save or move the file to the `data_weather` folder.

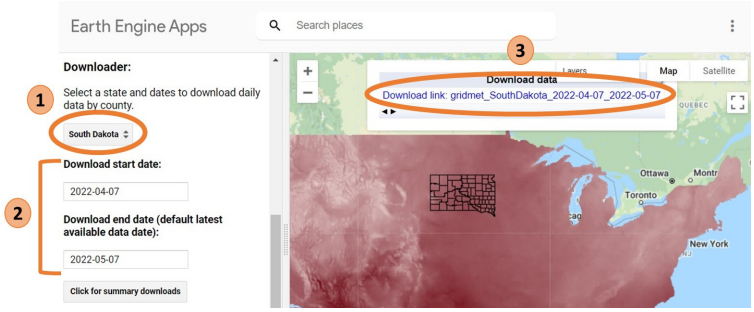

Figure 2: ArboMAP Google Earth Engine app to download gridMET weather data.

4. Annual parameter updates: The defaults can be updated by manually editing the header of the `ArboMAP_forecast.Rmd` file, or the correct setting or file can be picked from the interactive user interface each time.
    1. `year_mosquito_end`: Update to the current forecast year.
    2. `year_weather_end`: Update to the current forecast year.
    3. If the file names of the human (or mosquito) data have changed, those parameters will also need to be updated.