

WBD Navigation ArcGIS toolbox

Introduction of processing logic

I build a huc12 navigation table which is saved in the geodatabase. I also have a tool that builds HUC8 to HUC8 navigation based on the HUC12 table.

My overall tool used for the NWIS project uses a loop to aggregate all HUC12s in the current HUC8, then I bring in any upstream HUC8s and dissolve. This is much faster for large basins, of course!

WBD Tools

- A set of tools I use for WBD is still in development and is managed using git, [on the USGS Stash site](#).
- I've attached the [Python code that builds the navigation table](#), which can then be traversed using your favorite algorithm. It can easily be tweaked to work to create a navigation for any level HUC.

Output table

- I don't want to share a table as the WBD is kind of in process, though it's available from me on request.