Watershed Delineation

- Watershed and HUCs are different based on the drainage they include.
- Watershed delineation includes an automated process in which we can delineate by targeted areas in stream as pour points, by segments with each segment getting a catchment, and off stream delineation.
- Pour points have to be located on the raster stream delineated locations.
- The stream link command allows us to assign a unique identifier to each stream segment for watershed delineation.
- Off stream delineation requires smaller stream channels to be identified first for reference.
- The watershed identifier is always assigned a value from the input of the source pour point.
- Cumulative watershed analysis is required when catchments do not include the entire upstream drainage. This is common in many HUC delineations.
- Most watersheds smaller than 250 acres in size will require using elevation data to delineate.
- Lidar data creates many additional issues with drainage delineations due to scale intensity.

Student Notes:

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