National Hydrography Data (NHD)

- The NHD data model includes many linkages to attribute tables, feature classes, hydrological units, and feature domains.
- NHD is the national spatial data standard for mapped surface water resource data.
- NHD datasets (geodatabase format) available from USGS at: http://nhd.usgs.gov.
- Uses of watersheds and flow-based modeling include:
    - Compile statistics for stream based on land cover in contributing area upstream
    - Can compile cumulative watershed statistics
    - Can select upstream or downstream watersheds for any location
- NHDPlus is an enhanced version of the 1:100,000 “medium” resolution National Hydrography Dataset. The NHDPlus is created and maintained by Horizon Systems Corporation with support from the EPA and USGS.
- There are two versions of NHDPlus: NHDPlus Version 1 (which is still available, but archived) and NHDPlus version 2. Recommend using/downloading NHDPlus version 2. The unique feature IDs and catchment boundaries have changed between the two versions, so they are NOT compatible.

Student Notes:

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