Process of Getting Raster Data from NHD Plus for Ben Labay

Step 1

- Go to NHD Plus website and download data.
- http://www.horizon-systems.com/nhdplus/
- Next go to NHD Plus Data tab

NHD Plus Data



- Download data from website for Regions 11, 12, and 13 in zip files and extract files.
- <u>http://www.horizon-</u>
 <u>systems.com/nhdplus/data.php</u>

Downloading Shapefiles and DBF

File Description	File Name (.zip***)	Format
Region 12 , Version 01_02, Catchment Grid	NHDPlus12V01_02_Catgrid	ESRI Grid*
Region 12, Version 01_02, Catchment Shapefile	NHDPlus12V01_02_Catshape	Shapefile**
Region 12, Version 01_02, Catchment Flowline Attributes	NHDPlus12V01_02_Cat_Flowline_Attr	DBF****
Region 12, Version 01_01, Elevation Unit a	NHDPlus12V01_01_Elev_Unit_a	ESRI Grid
Region 12, Version 01_01, Elevation Unit b	NHDPlus12V01_01_Elev_Unit_b	ESRI Grid
Region 12, Version 01_01, Elevation Unit c	NHDPlus12V01_01_Elev_Unit_c	ESRI Grid
Region 12, Version 01_01, Elevation Unit d	NHDPlus12V01_01_Elev_Unit_d	ESRI Grid
Region 12, Version 01_01, Elevation Unit e	NHDPlus12V01_01_Elev_Unit_e	ESRI Grid
Region 12, Version 01_01, Elevation Unit f	NHDPlus12V01_01_Elev_Unit_f	ESRI Grid
Region 12, Version 01_01, Flow Accumulation and Flow Direction Unit a	NHDPlus12V01_01_FAC_FDR_Unit_a	ESRI Grid
Region 12, Version 01_01, Flow Accumulation and Flow Direction Unit b	NHDPlus12V01_01_FAC_FDR_Unit_b	ESRI Grid
Region 12, Version 01_01, Flow Accumulation and Flow Direction Unit c	NHDPlus12V01_01_FAC_FDR_Unit_c	ESRI Grid
Region 12, Version 01_01, Flow Accumulation and Flow Direction Unit d	NHDPlus12V01_01_FAC_FDR_Unit_d	ESRI Grid
Region 12, Version 01_01, Flow Accumulation and Flow Direction Unit e	NHDPlus12V01_01_FAC_FDR_Unit_e	ESRI Grid
Region 12, Version 01_01, Flow Accumulation and Flow Direction Unit f	NHDPlus12V01_01_FAC_FDR_Unit_f	ESRI Grid
Region 12, Version 01_01, National Hydrography Dataset	NHDPlus12V01_02_NHD	Shapefile and DBF
Region 12, Version 01_01, QAQC & Sinks Spreadsheet	NHDPlus12V01_01_QAQC_Sinks	Excel Spreadsheet
Region 12, Version 01_01, Stream Gage Event	NHDPlus12V01_01_StreamGageEvent	DBF

Arc Map

Next bring shape files and dbf into Arc
 Map and join the files based on the Com
 ID.

Arc Map with



Joining tables with Shape files based on Com ID

Join lets you append additional data to this layer's attribute table so you can, for example, symbolize the layer's features using this data.		
What do you want to join to this layer?		
Join attributes from a table		
1. Choose the field in this layer that the join will be based on:		
COMID		
2. Choose the table to join to this layer, or load the table from disk:		
🖾 catchmentattributesnIcd		
Show the attribute tables of layers in this list		
3. Choose the field in the table to base the join on:		
COMID		
Join Options		
 Keep all records 		
All records in the target table are shown in the resulting table. Unmatched records will contain null values for all fields being appended into the target table from the join table.		
C Keep only matching records		
If a record in the target table doesn't have a match in the join table, that record is removed from the resulting target table.		
About Joining Data OK Cancel		