

Mapping Freshwater Inputs of the Whidbey Basin

Cartography: Nick Weatherly



Legend

- County
- WHIDBEY BASIN

For our spring quarter project we intend to answer three questions: 1) What are the freshwater inputs from Whidbey and Camano Islands into the Whidbey Basin? 2) What is the monthly average fresh water discharge into the Whidbey Basin? Once our file is complete we will then deliver our point file to Battelle so they can complete their hydro-dynamics model for the Whidbey Basin. 3) What freshwater streams are potentially providing anadromous salmonid habitat?

This map contains a TIN (triangulated irregular network) that represents major water flow throughout the Whidbey Basin. This file was provided by Battelle Marine Sciences Lab. We will be snapping our point file that contains two attributes: type of freshwater input and amount of flow or discharge. Completion of the Battelle model will help interested parties in understanding andromousjuvenile Chinook non-natal stream use.

Group Members: Ethan Smith, Nick Weatherly, Justin Lewis, Byron Killam
 Data Source: ESRI 04/05, Battelle Marine Sciences Laboratory, Google Maps
 Projection: UTM Zone 10 North
 Datum: NAD 1927
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