

The Confederated Tribes of the Colville Reservation Metadata

This data set represents a version of The Confederated Tribes of the Colville Reservation (Colville Tribe <http://www.colvilletribes.com/>) delineation and a description of individual populations of salmon and steelhead that the tribe manages within the Columbia Basin. This dataset includes anadromous fish population boundaries that extend into the Okanogan Basin and span the US-Canadian border. The Colville Tribe also has kokanee and sockeye populations that are in reintroduction programs and these may be added later.

During the subbasin planning process (2000-2005), the anadromous populations in the Okanogan Subbasin were described, but only the US portion was mapped. Since that time, the Colville Tribe has created a new GIS layer defining detailed reaches and Diagnostic Unit (see DU Metadata Section below for more information) breaks. These new spatial units (watershed polygons called diagnostic units) were used in the Crosswalk rather than HUC6s, which are available for the US, but not Canadian basins. The same set of Diagnostic Units were used for each population/species and only the spawning areas were identified as the population boundaries.

Fields of the Fish Unit Attribute Report Defined.

Unit_Name – The population name.

Species – Species and run. A ‘run’ of fish may include more than one stock returning at the same time but destined for different spawning grounds.

RunTime – Describes the season (spring, summer, fall, winter) the species is expected to return for spawning.

Status – Description of ESA listing.

Description – A brief description of the population.

DU Metadata.

Spatial data set of polygons used to define the population boundaries is the Okanogan Subbasin Diagnostic Unit Hydrologic Contributing Areas. It originated from the BOR, PNW Region and the version is Okanogan_DU_20120305. This data set was generated from Okanogan Subbasin Diagnostic Unit areas generated from a watershed analysis using National Elevation Dataset 10-meter DEM combined with Canadian Digital Elevation Data 1:50,000 DEM.

For use in the Crosswalk database, CRITFC used the Diagnostic label from the original data as the Subwatershed Unit name, which is the HUC6 name in the US. For the HUC6 subwatershed 12-digit code, CRITFC created a set starting with the familiar Columbia Basin code of “17” then

filled it in with eight "0s" and ended with 01 through 32, the number of DUs used for mapping the populations.