Washington Department Fish and Wildlife Metadata

This data set represents a draft version of the Washington Department Fish and Wildlife (WDFW) http://wdfw.wa.gov/conservation/fisheries/ delineation and description of individual populations of salmon and steelhead the agency manages within the Columbia Basin. Where NOAA/TRT defined populations exist in Washington, WDFW is currently reviewing and adjusting previous population definitions to use the NOAA/TRT population names and boundaries for listed fish. Where populations are not defined by NOAA/TRT, WDFW uses the delineations and descriptions from the Salmonid Stock Inventory (SaSI) database http://wdfw.wa.gov/conservation/fisheries/sasi/. For populations that extend across state boundaries, WDFW manages only the portion of the population within Washington.

The methodology used for reconciling differences between TRT/NOAA and SaSI populations is as follows: NEED WDFW TEXT HERE. This may result in the lumping or splitting of SaSI populations, or the inclusion or exclusion of stream reaches as SaSI population boundaries change to NOAA/TRT population boundaries.

Please note that due to the scale at which populations are defined there may be 6th field hydrologic units within populations that do not contain stream reaches with distribution of that population's fish species and run.

Also note that there exists distribution of salmon and steelhead species outside of any defined NOAA/TRT or SaSI/WDFW population boundaries. There are 2 reasons for this: 1) The fish are of native origin but the extent of distribution is small and considered supplementary to nearby populations. 2) The fish are of introduced/hatchery origin and do not have populations defined for them by either NOAA/TRT or SaSI.

Fields of the Fish Unit Attribute Report Defined.

Unit_Name – The information is from the population name fields from either the attributes of the SaSI geodatabase from WDFW or from recent population work of WDFW to convert to TRT recovery populations. WDFW has chosen to combine TRT names with species run information for their population names for listed fish.

NWR_Name – The field name and information is from the TRT geodatabase attributes. Population name as defined by the Northwest Regional Office. Full ESU and population run description contained in this name.

TRTpop_name - The name listed in the attributes of spatial data from the TRT geodatabase under Pop_Name. Final population name as defined by the TRT. Does not contain ESU or run Timing details in the name.

SASI_Name – Salmonid stock inventory name. The 1993-1994 SASI documents recognized 435 stocks of salmon and steelhead. SaSI defines a **stock** as a group of fish that return to spawn in a given area at the same time and that are, for the most part, reproductively

isolated from other such groups. A stock may include several local spawning populations.

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

SASISTKNUM – Salmonid Stock Inventory number. Each stock is given a unique number.

Stat_Desc – Status Description. **Healthy:** 30% of the stocks were found to be healthy. The term 'healthy' covers a wide range of actual conditions, from robust to those without surplus production for harvest. Just because a stock is listed as healthy does not necessarily mean managers have no current concerns or that production levels are adequate. Some SaSI stocks listed as healthy are in fact listed under the Endangered Species Act because listings are made on stock groups called evolutionarily significant units (ESUs). Also, keep in mind that most stock determinations were made in 2002, and that status of some stocks may have changed since then. **Depressed:** A depressed stock is one whose production is below expected levels, based on available habitat and natural variation in survival rates, but above where permanent damage is likely. 22% of stocks were determined to be depressed. **Unknown:** For many stocks, there simply is insufficient information to rate them. Many of these are historically small populations and could be especially vulnerable to any negative impacts. There is an immediate need to collect more information on them.

ESA_Desc – Endangered species act description of listing status.

SASIAAbundData – Indication of whether WDFW has at adult abundance data for the population. No, Yes (at least 5 years), Less than 5 years, and Maybe (data status is under review).

Comments – Indicates whether WDFW is adopting TRT populations and which SaSI populations were replaced. If WDFW is using their original populations then the comment indicates that a TRT boundary for the population does not exist. Other information about the population may also be found here.

.