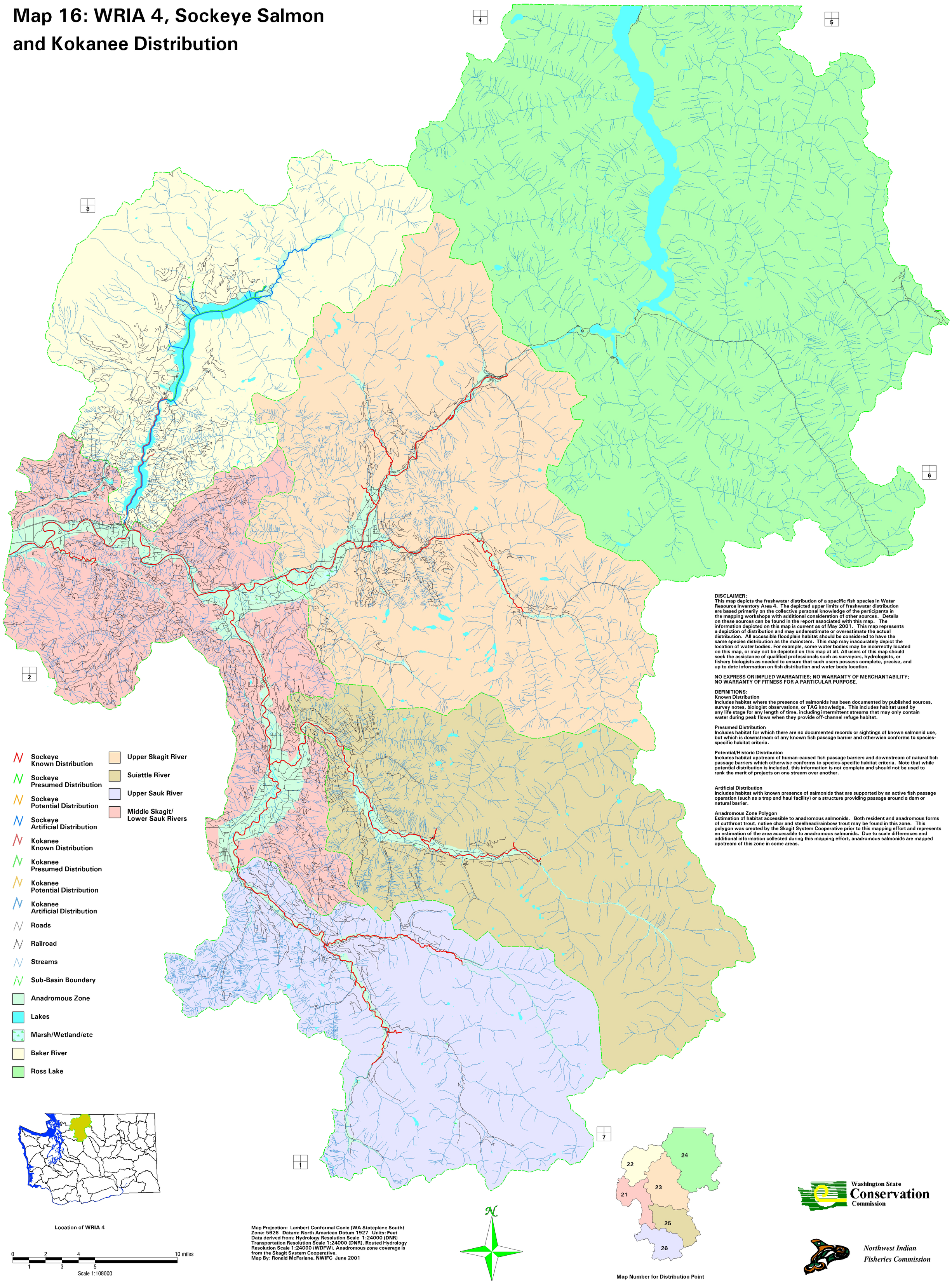
Map 16: WRIA 4, Sockeye Salmon and Kokanee Distribution



DISCLAIMER:
This map depicts the freshwater distribution of a specific fish species in Water Resource Inventory Area 4. The depicted upper limits of freshwater distribution are based primarily on the collective personal knowledge of the participants in the mapping workshops with additional consideration of other sources. Details on these sources can be found in the report associated with this map. The information depicted on this map is current as of May 2001. This map represents a depiction of distribution and may underestimate or overestimate the actual distribution. All accessible floodplain habitat should be considered to have the same species distribution as the mainstem. This map may inaccurately depict the location of water bodies. For example, some water bodies may be incorrectly located on this map, or may not be depicted on this map at all. All users of this map should seek the assistance of qualified professionals such as surveyors, hydrologists, or fishery biologists as needed to ensure that such users possess complete, precise, and up to date information on fish distribution and water body location.

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DEFINITIONS:

Known Distribution
Includes habitat where the presence of salmonids has been documented by published sources, survey notes, biologist observations, or TAG knowledge. This includes habitat used by any life stage for any length of time, including intermittent streams that may only contain water during peak flows when they provide off-channel refuge habitat.

Presumed Distribution
Includes habitat for which there are no documented records or sightings of known salmonid use, but which is downstream of any known fish passage barrier and otherwise conforms to species-specific habitat criteria.

Potential/Historic Distribution
Includes habitat upstream of human-caused fish passage barriers and downstream of natural fish passage barriers which otherwise conforms to species-specific habitat criteria. Note that while potential distribution is included, this information is not complete and should not be used to rank the merit of projects on one stream over another.

Artificial Distribution
Includes habitat with known presence of salmonids that are supported by an active fish passage operation (such as a trap and haul facility) or a structure providing passage around a dam or natural barrier.

Anadromous Zone Polygon
Estimation of habitat accessible to anadromous salmonids. Both resident and anadromous forms of cutthroat trout, native char and steelhead/rainbow trout may be found in this zone. This polygon was created by the Skagit System Cooperative prior to this mapping effort and represents an estimation of the area accessible to anadromous salmonids. Due to scale differences and additional information collected during this mapping effort, anadromous salmonids are mapped upstream of this zone in some areas.

Location of WRIA 4

Map Projection: Lambert Conformal Conic (WA Stateplane South)
Zone: 5626 Datum: North American Datum 1927 Units: Feet
Data derived from: Hydrology Resolution Scale 1:24000 (DNR)
Transportation Resolution Scale 1:24000 (DNR), Routed Hydrology Resolution Scale 1:24000 (WDFW), Anadromous zone coverage is from the Skagit System Cooperative.
Map By: Ronald McFarlane, NWIFC June 2001

Map Number for Distribution Point

Details Referenced in the Report

Washington State Conservation Commission

Northwest Indian Fisheries Commission