# Salmon and Steelhead Habitat Inventory and Assessment Program (SSHIAP)

# SalmonScape V 4.0

http://www.dfw.wa.gov/mapping



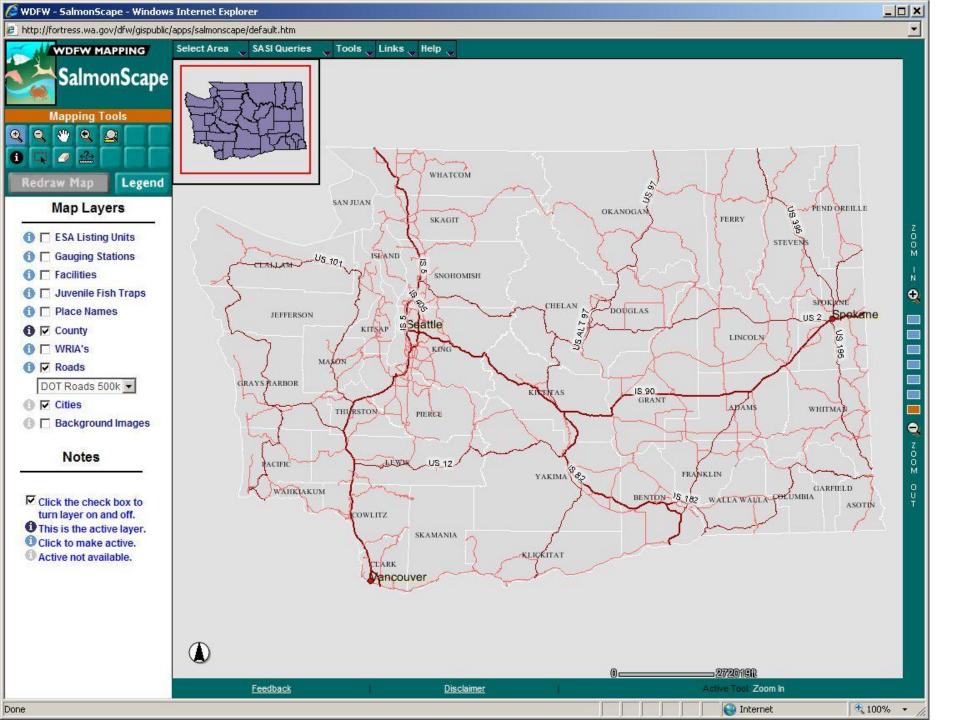


### Data currently available statewide

- I:24,000 scale hydrography layer with standardized stream segments
- Salmon & Steelhead Stock Inventory (SaSi) distribution and status
- Elevation
- Gradient
- Barriers
- ESA listing units (ESU)
- Intertidal Forage Fish Spawning Habitat

### **Additional Information**

- Ecosystem Diagnosis and Treatment (EDT) currently WRIAS 24-29
- Rosgen channel class
- Major public lands
- Channel confinement
- Ongoing...



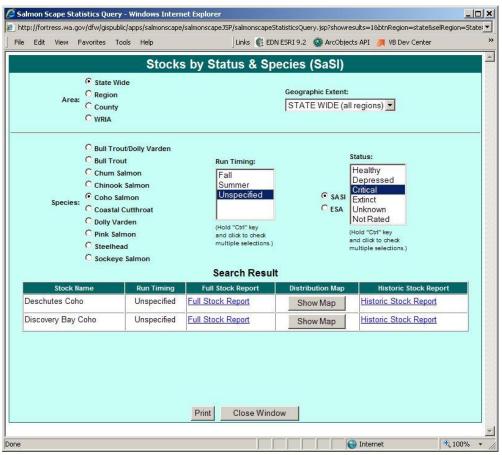
#### Menus

- Select Area
  - County
  - WRIA
  - Locators
    - Place Name
    - Township & Range
    - Stream Name
    - Lat Long
    - LLID (LatLong-based stream identifier)



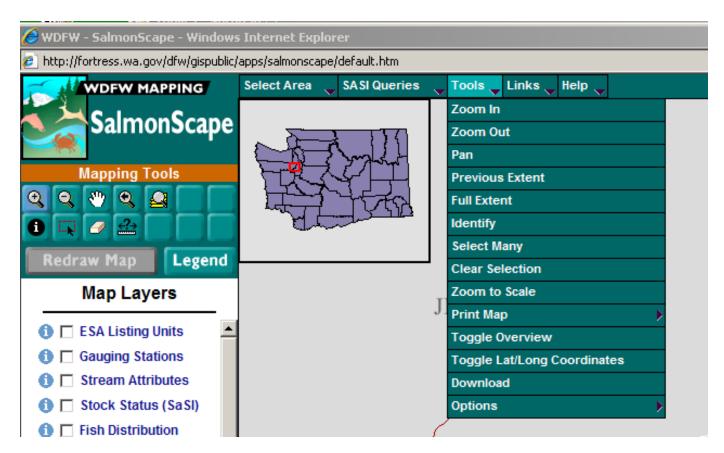
### Menus (cont)

- SASI Queries
  - Status & Species
  - Area
  - Map Extent
  - Summaries



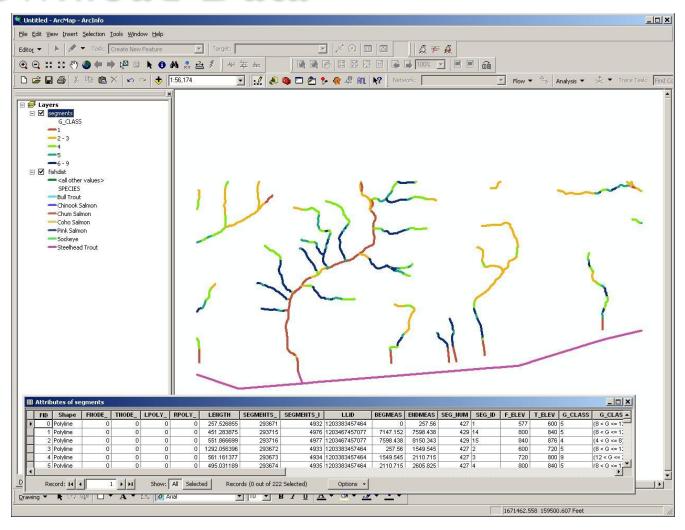


- Links
- Help



http://fortress.wa.gov/dfw/gisp	ublic/apps/salmonscape/MapFrame 🏠 💠
	Download Layers
Hydro (24k) Stream Attributes Stock Status (SaSI) Fish Distribution EDT Restoration EDT Preservation Fishways Fish Passage Barriers Repaired Barriers Other Downloadable Barriers	

### Download Data



Downloads only available zoomed in to less than 1:575000

## Dynamic Display

- As spatial extent is decreased (i.e., you zoom in) detail increases and more information is available.
- $1:100,000 \rightarrow 1:24,000$  hydrography.
- Additional descriptors.
- Information is only available for the area in the current view.



- Place Names
- County
- ☐ WRIA's
- Roads

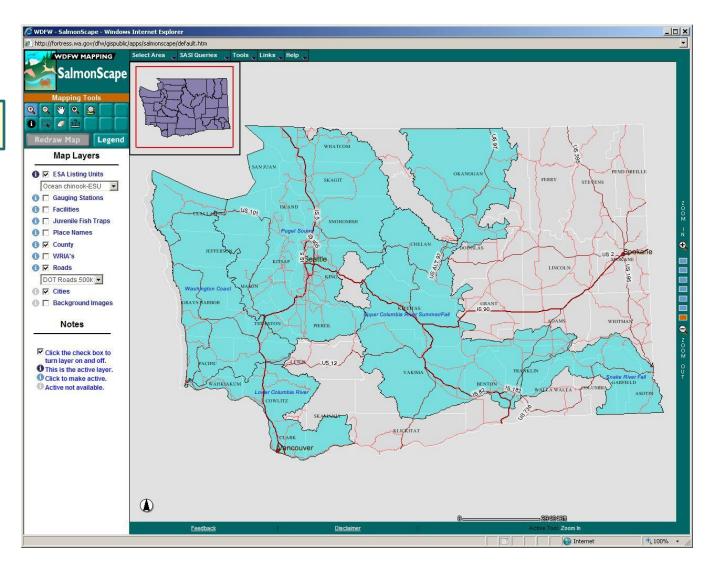
DOT Roads 500k -

- Cities
- Background Images

#### Notes

- Click the check box to turn layer on and off.
- This is the active layer.
- Click to make active.
- Active not available.

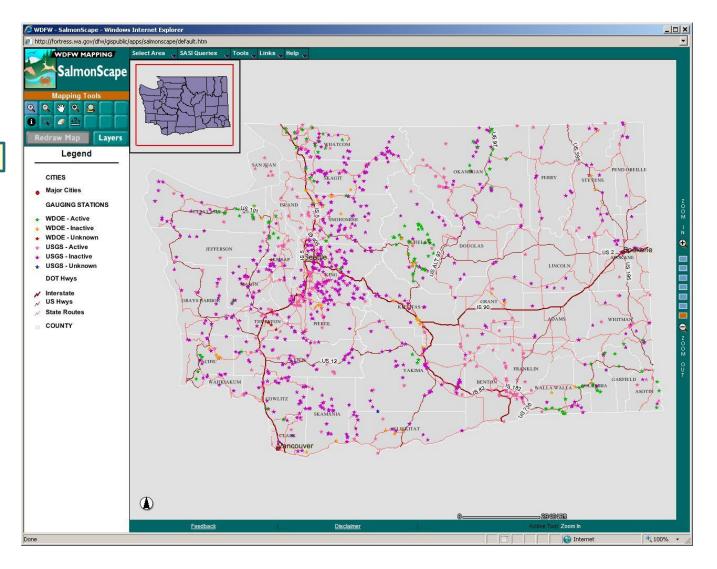
## **ESA Listing Units**



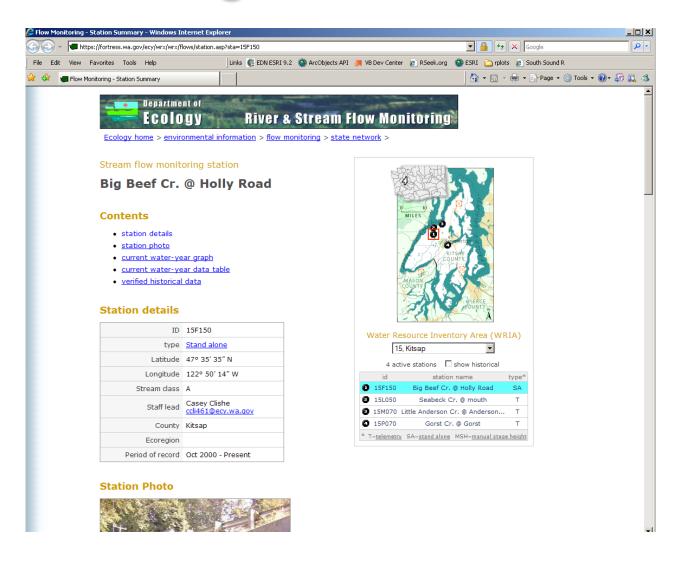


Active not available.

## Gauging Stations

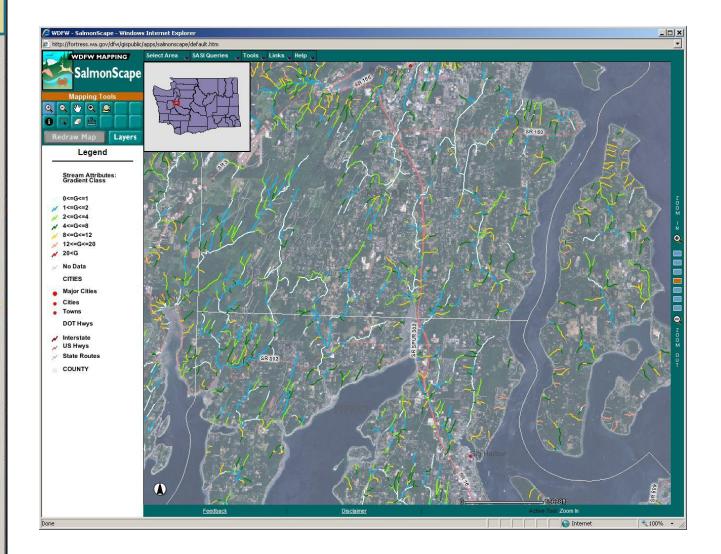


## Linked Gauge Website



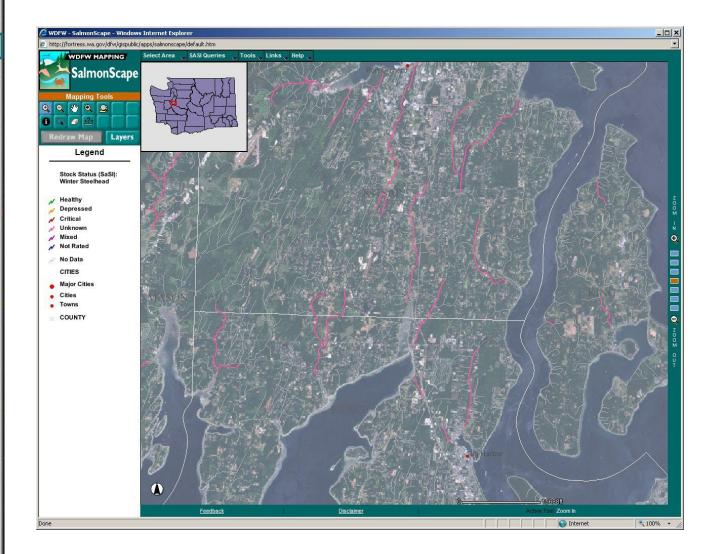


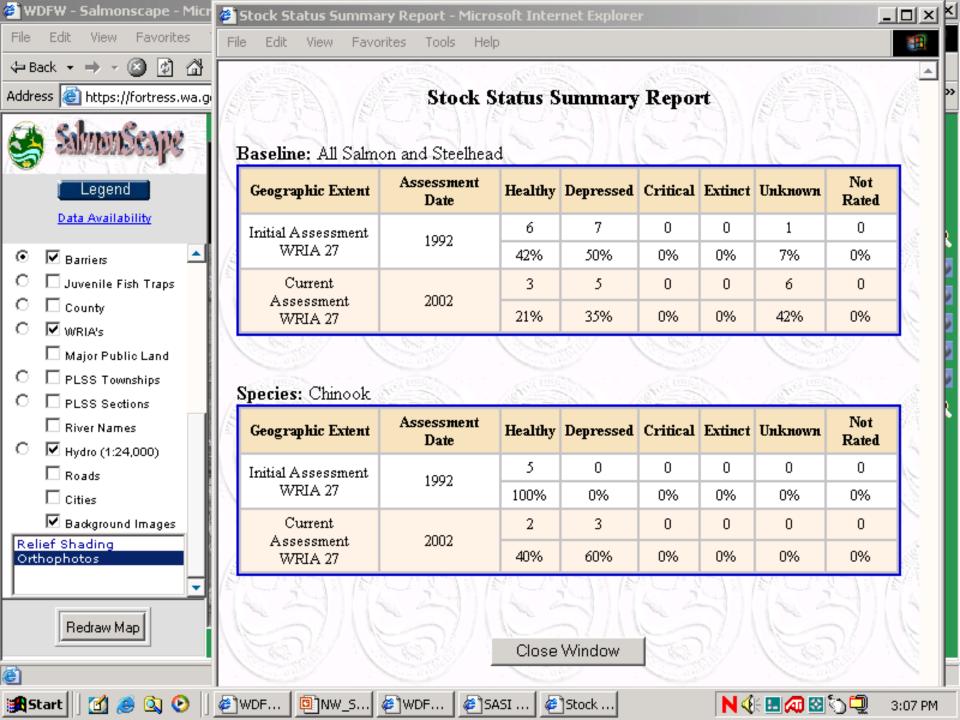
#### Stream Attributes: Gradient

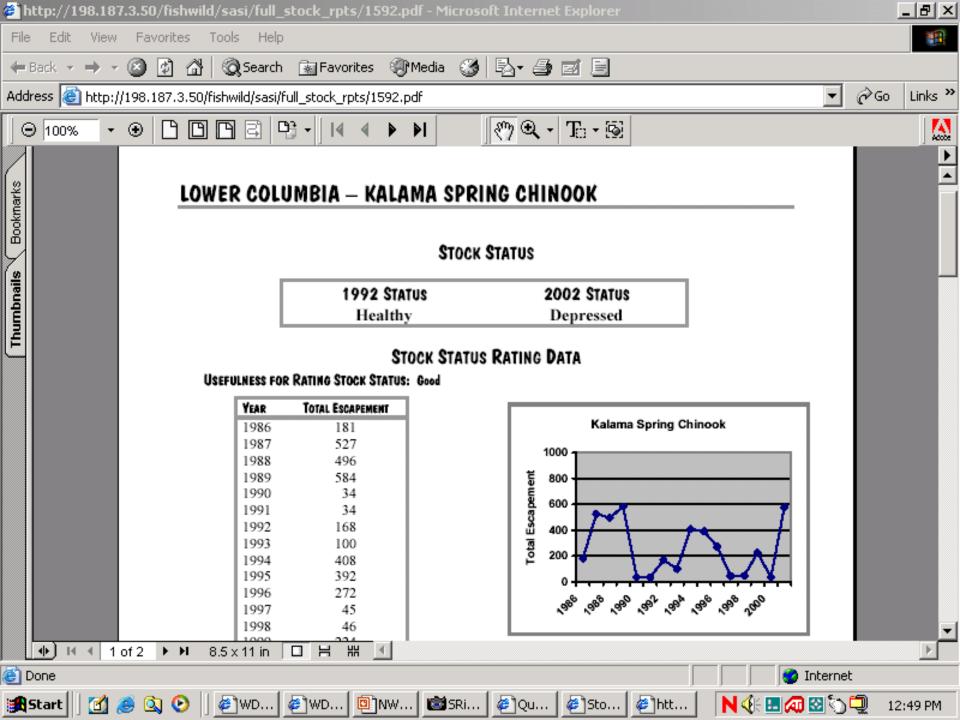


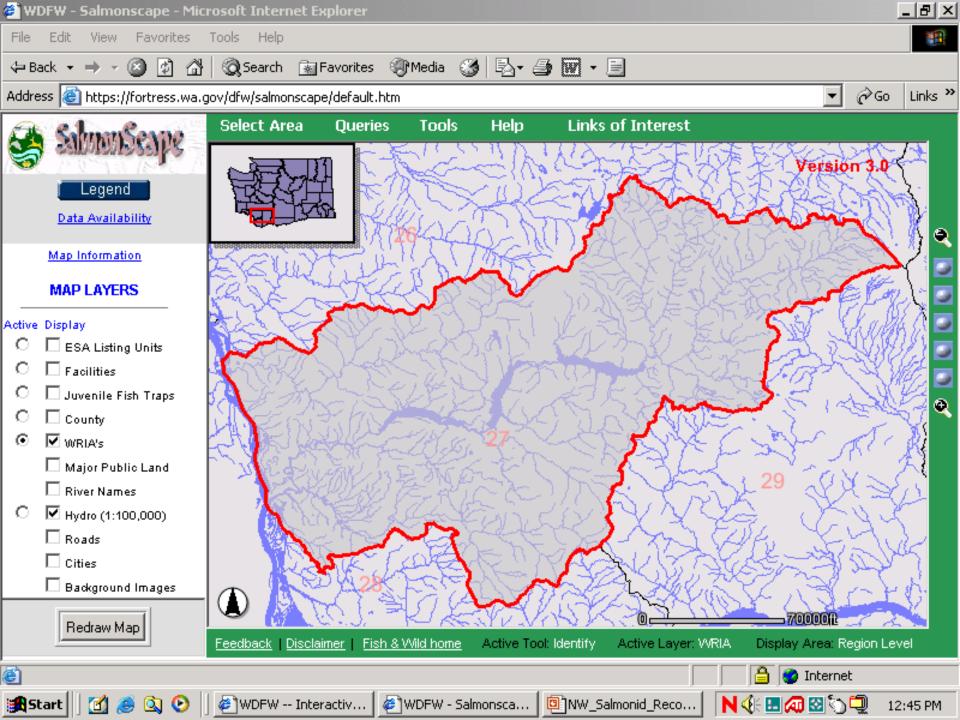


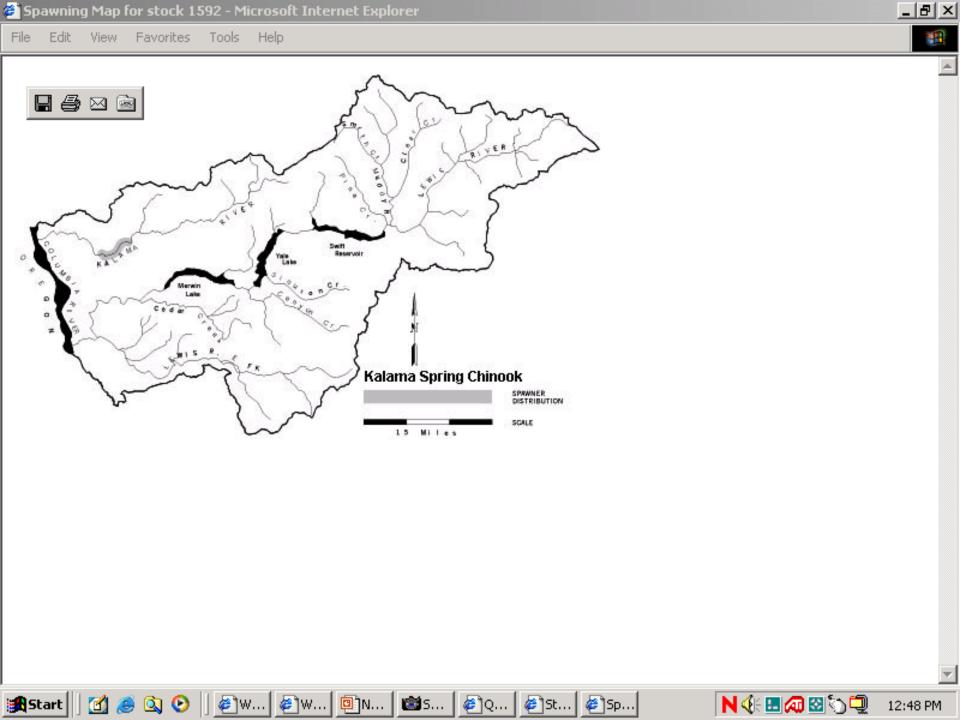
#### Stock Status: Winter Steelhead







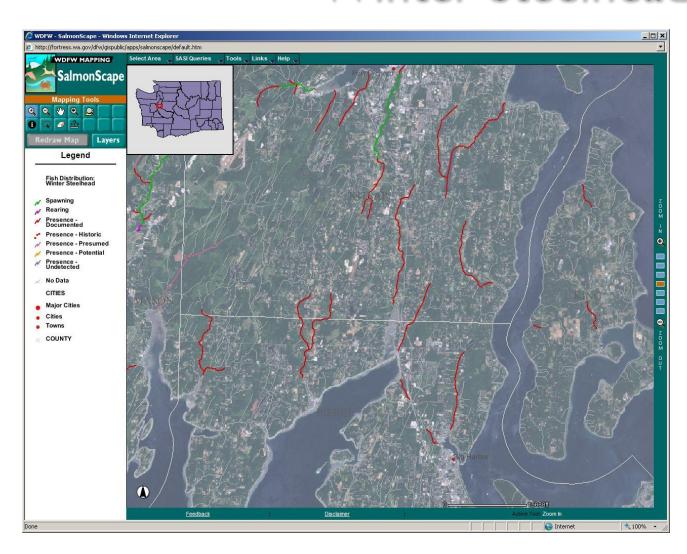






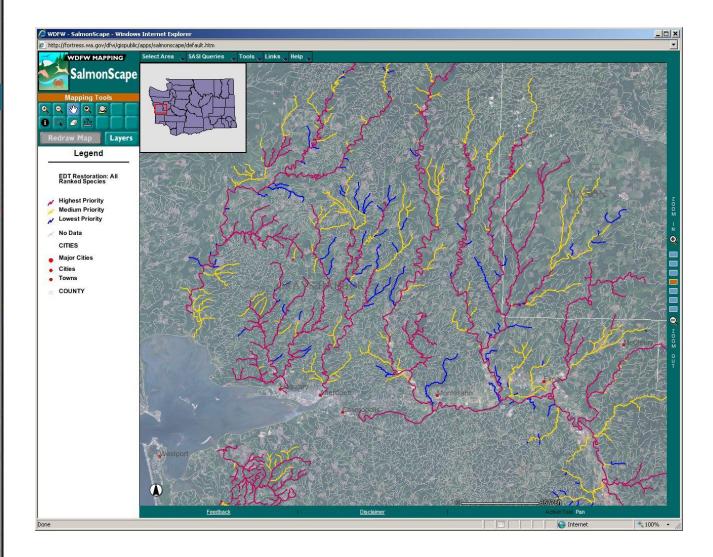
#### Fish Distribution:

#### Winter Steelhead



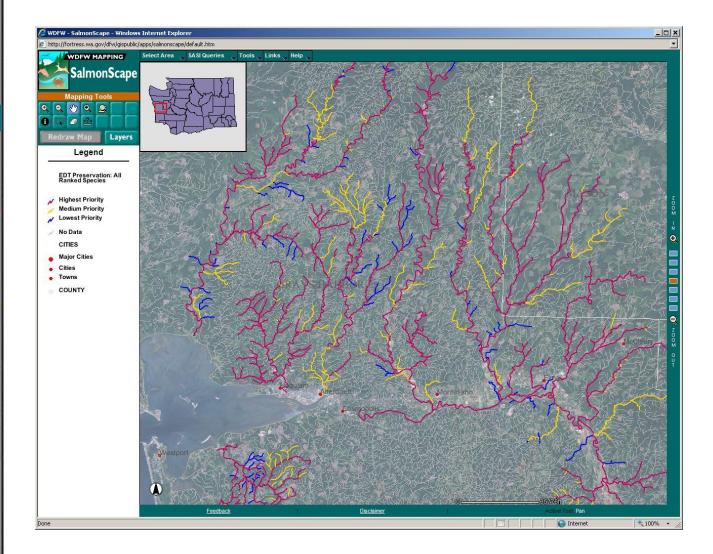


### **EDT** Restoration

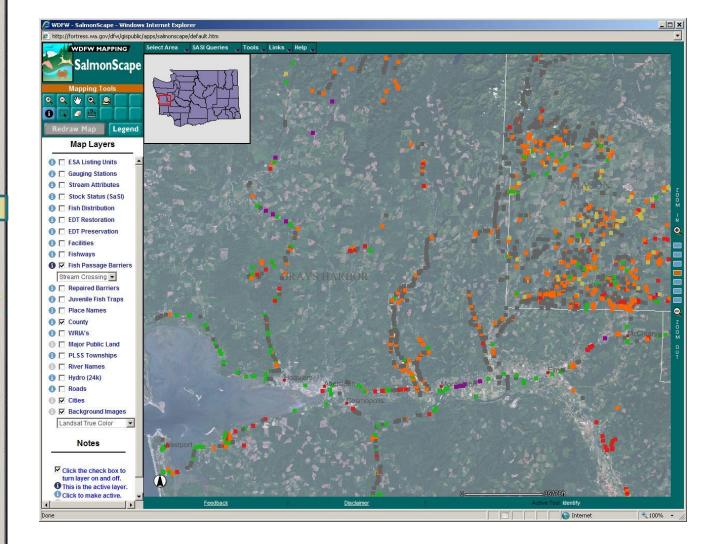




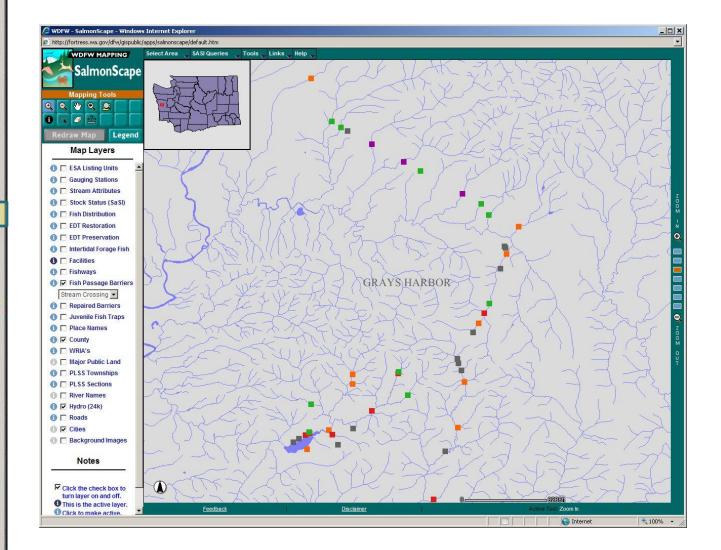
#### **EDT Preservation**



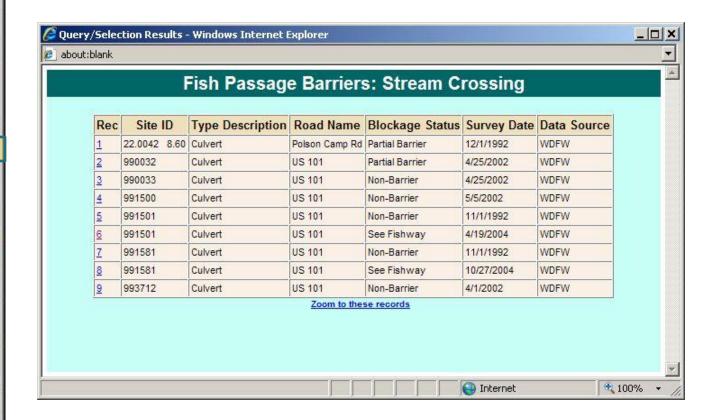




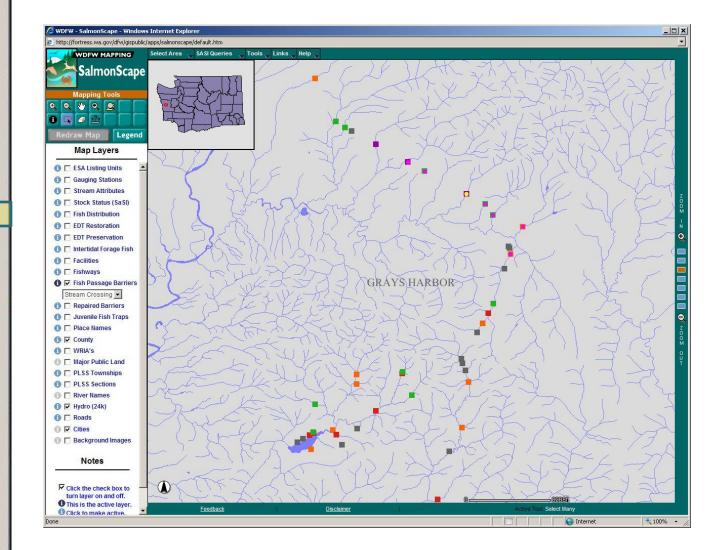












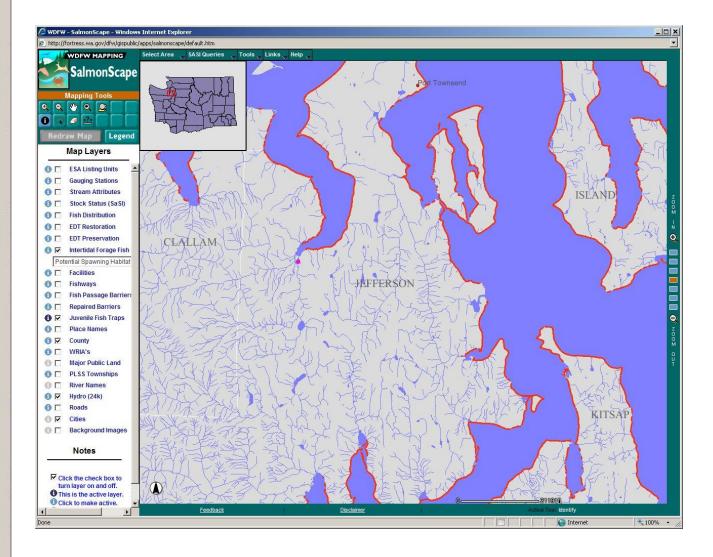
#### Map Layers

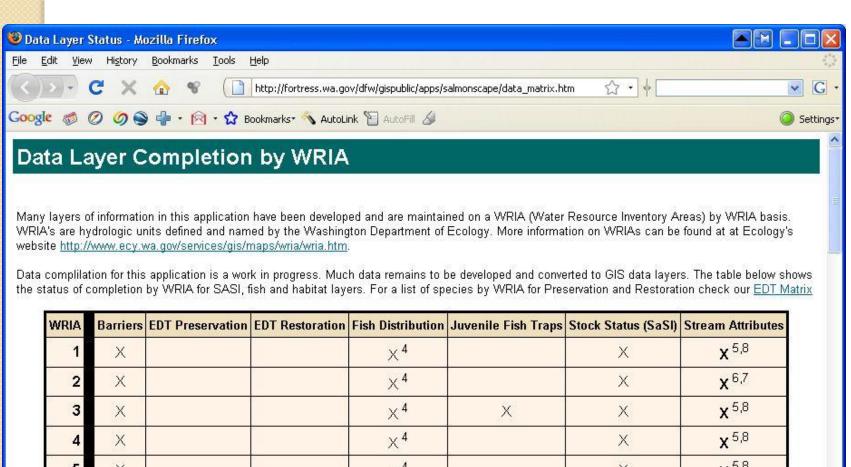
- Gauging Stations
- Stream Attributes
- Stock Status (SaSI)
- Fish Distribution
- ♠ ☐ EDT Preservation
- 1 Intertidal Forage Fish

#### Potential Spawning Habitat

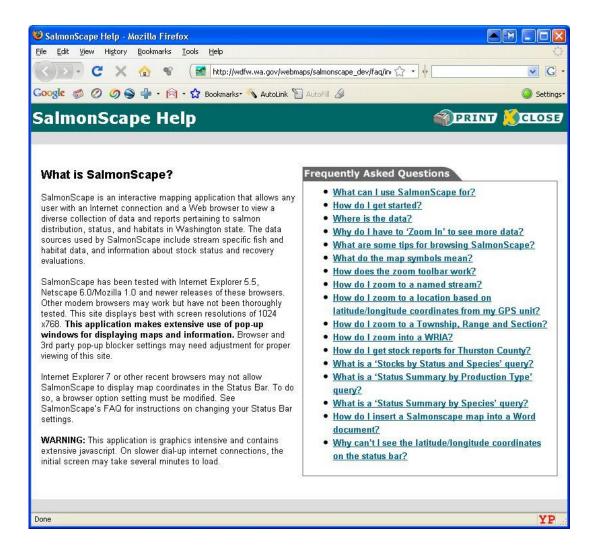
- Facilities
- Fishways
- Fish Passage Barriers
- Repaired Barriers
- ♠ □ Place Names
- County
   Co
- MRIA's
- Major Public Land
- D PLSS Townships
- River Names
- 6 F Hydro (24k)
- Roads
- Cities
- Background Images
   Background Im

## Intertidal Forage Fish





### Help



#### Summation

- SalmonScape will be a useful source of information to promote salmon conservation and watershed restoration.
- Data acquisition is ongoing.
- Many search tools available and more are being developed.
- Limited download capability, but we are planning to provide data in tabular form.

# SalmonScape

http://www.dfw.wa.gov/mapping

#### Possible Directions

- Increased data download availability
- New gradient and geomorphology attributes
- Spatial Queries