Key statewide databases & mappers related to Partnership priorities
Location:
https://matsusalmon.org/resources/databases

The following databases and web mappers are resources developed by member organizations of the Mat-Su Basin Salmon Habitat Partnership (Partnership). The Partnership makes no guarantees about the accuracy or reliability of the data provided and users assume the entire risk as to the results of the use of these data.

Anadromous Waters Catalog
The Catalog of Waters Important for the Spawning, Rearing or Migration of Anadromous Fishes currently lists almost 20,000 streams, rivers or lakes around the state which have been specified as being important for the spawning, rearing or migration of anadromous fish. (See mapper.)

Fish Passage
The Fish Passage Inventory Database contains data on over 2,500 stream crossings assessed for fish passage by ADF&G since 2001. (See mapper.)

Northern Pike
In Southcentral Alaska, the northern pike is an invasive species. Pike were first illegally introduced into area waters by people and are now spreading through open waterways and decimating salmon and trout populations. Through a combination of this dispersal and many more illegal introductions, invasive pike have been found in over 100 water bodies in the Mat-Su Valley, Anchorage, and the Kenai Peninsula. (See mapper.)

Exotic Plants
The Alaska Exotic Plants Information Clearinghouse (AKEPIC) is a database and mapping application that provide geospatial information for non-native plant species in Alaska and neighboring Canadian Territories. (See mapper.)

Elodea
The Alaska Elodea Survey Map Viewer is a database maintained by UAA-ACCS with geospatial information on Elodea detection (presence/absence) and Elodea treatment.

Water Temperature
The AKTEMP Water Temperature Database is a portal for viewing, uploading, downloading, and managing stream and lake temperature data across Alaska. (See mapper.) The new interactive data visualization tool allows you to explore stream temperature patterns and dynamics with data from AKTEMP, National Park Service, and the U.S. Geological Survey. (See mapper.)

Water Quality
The Alaska Department of Environmental Conservation (DEC), Water Quality Program provides information on impaired surface waters and water quality monitoring data to the public. Impaired surface waters depicted include a general description of impaired waters identified by DEC and reflect conditions present in 2022. (See mapper.) To view data from individual monitoring locations, visit the

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[AWQMS Database](#), the map may take some time to load.

EPA's Water Quality Portal

The Water Quality Portal (WQP) is the premiere source of discrete water-quality data in the United States and beyond. This cooperative service integrates publicly available water-quality data from the United States Geological Survey (USGS), the Environmental Protection Agency (EPA), and over 400 state, federal, tribal, and local agencies.

AK Mapper

The Alaska Mapper provides interactive access to State of Alaska land records. You can zoom to an area of interest, turn map layers on and off, make live queries to the Land Administration System, download selected data for use in other geospatial systems and even construct your own maps using available map layers. (See mapper.)

Stream Gages

This inventory of Alaska's stream gages – AKFLOW - was developed through a cooperative effort between Interagency Hydrology Committee for Alaska members. The University of Alaska Anchorage's Alaska Center for Conservation Science (ACCS) geographer compiled data supplied by individual agency staff from the Alaska Department of Fish and Game, Alaska Department of Natural Resources, the National Weather Service's Alaska-Pacific River Forecast Center, the US Bureau of Land Management, University of Alaska Fairbanks, the US Fish and Wildlife Service, and the US Geological Survey. AKFlow project staff at ACCS

have assembled basic metadata pertaining to each gage's location, status (active or inactive), dates of operation, contact information, and links to available online data where available. (See mapper.)

OHV Crossings Mapper (Mat-Su specific data)

This web mapping application presents a compilation of datasets from multiple organizations. The Off-Highway Vehicle (OHV) stream crossing locations are depicted as they were originally mapped by the source organization. Detailed field inspections should be conducted to determine exact locations.

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