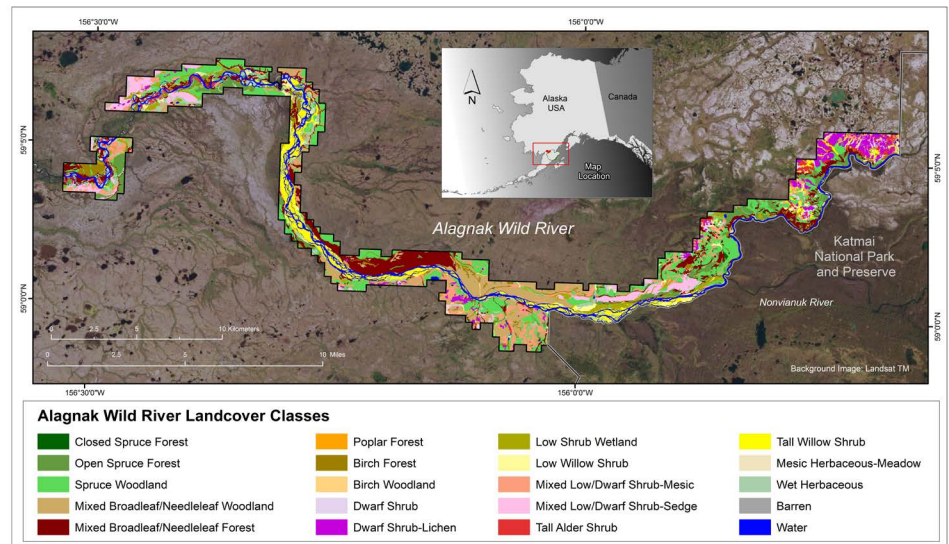




Alagnak Wild River Landcover Inventory

The National Park Service manages the upper portion of the Alagnak Wild River on the northeast boundary of Katmai National Park and Preserve. Landcover mapping of the area provides a foundational ecological inventory on which monitoring is based. This landcover map was manually digitized on current digital aerial photography in a GIS environment and verified with a vegetation field survey by the Alaska Natural Heritage Program during the summer of 2010. Between 2010 and 2014, the field data were compiled, analyzed, and the final vegetation map, users guide, and other inventory products were produced.



[Alagnak Wild River Landcover Inventory](https://irma.nps.gov/DataStore/Reference/Profile/2177112)

<https://irma.nps.gov/DataStore/Reference/Profile/2177112>

Landcover Map

This landcover classification [map](#) was derived from 3D aerial photo interpretation. It is available digitally for use within a GIS environment. A [poster](#) provides a brief description of each landcover class alongside the map legend.

The landcover classes and plant associations identified capture the variation of vegetation types within the Alagnak Wild River. Descriptions accompanying each class and association provide information on characteristic vegetation and environmental conditions. Each plant association is identified within the National Vegetation Classification. Idealized cross-sections of three river landscapes show the relationship of landcover classes and plant associations to floodplain gradients and terrain features.

Users Guide

The [technical report](#) documents the methods of map production along with an ecological description of the study area. The ecological description includes definitions of the mapping classes and preliminary plant associations that have been identified within the unit. The dominant ecological processes that influence vegetation distribution are also described. A representative photo and graphic highlighting the extent of each class is included.

Field Data Viewer

Field data collected during landcover mapping in 2010 were compiled and made available in MicroSoft Access. These [data](#) can be downloaded and used with the landcover map to help understand landcover classes or for future mapping efforts.

