

Westwide Cooperative Snow Survey Program Natural Resources Conservation Service



A Very Brief History

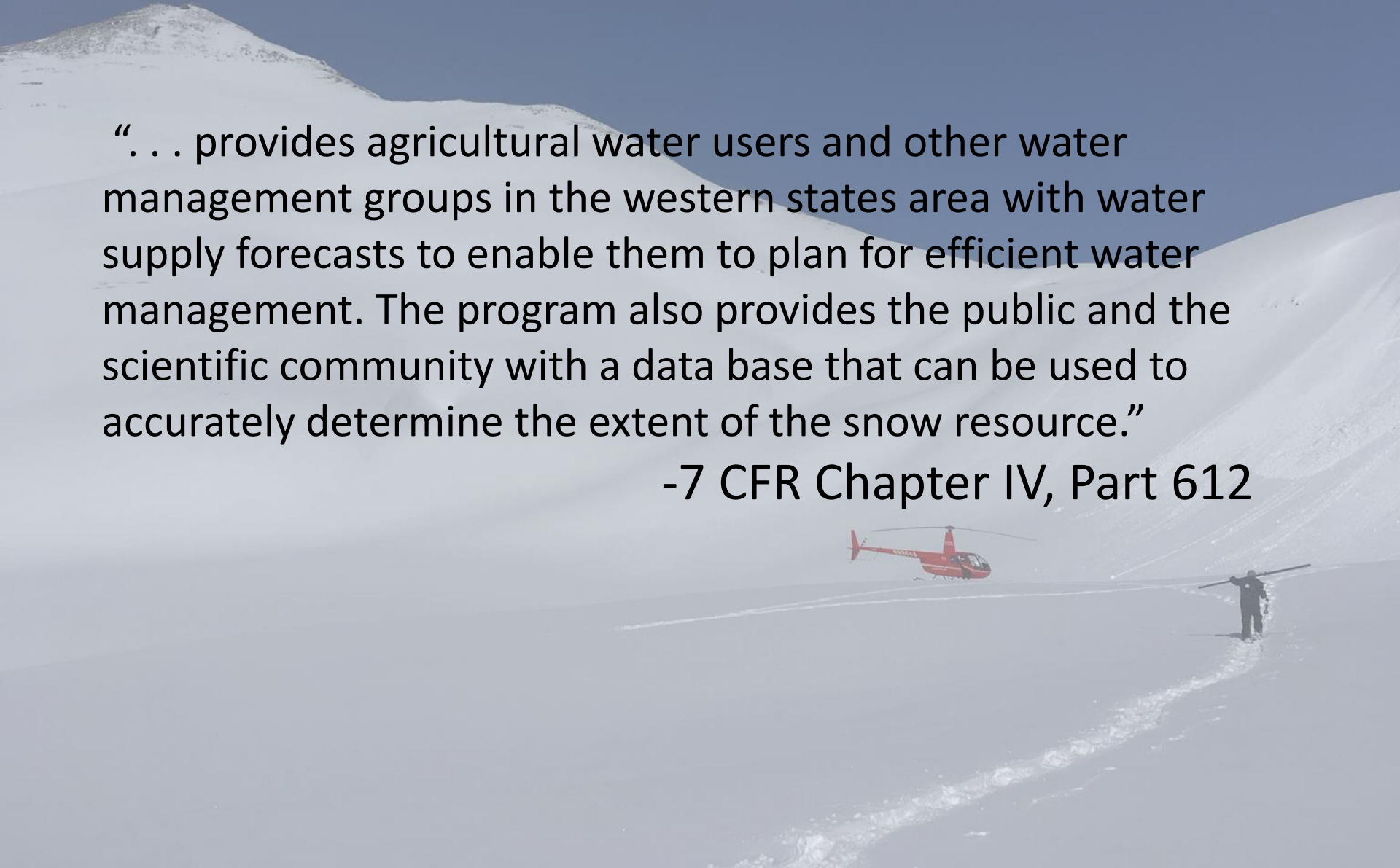


- First recorded measurement in Alaska – April 30th, 1951 at what is now the Moraine SNOTEL site
- Southeast Alaska snow measurement sites began to be measured in the mid-1960's

What is the Alaska Snow Survey Program?

“... provides agricultural water users and other water management groups in the western states area with water supply forecasts to enable them to plan for efficient water management. The program also provides the public and the scientific community with a data base that can be used to accurately determine the extent of the snow resource.”

-7 CFR Chapter IV, Part 612



Two types of sites in Southeast: Snow Courses and SNOTEL (SNOW TELelemetry)



SNOTEL SITE (SNOW TELEmetry)



Long Lake SNOTEL



Long Lake April 29, 2007

- 12 foot Shelter covered with snow



Where is snow measured?

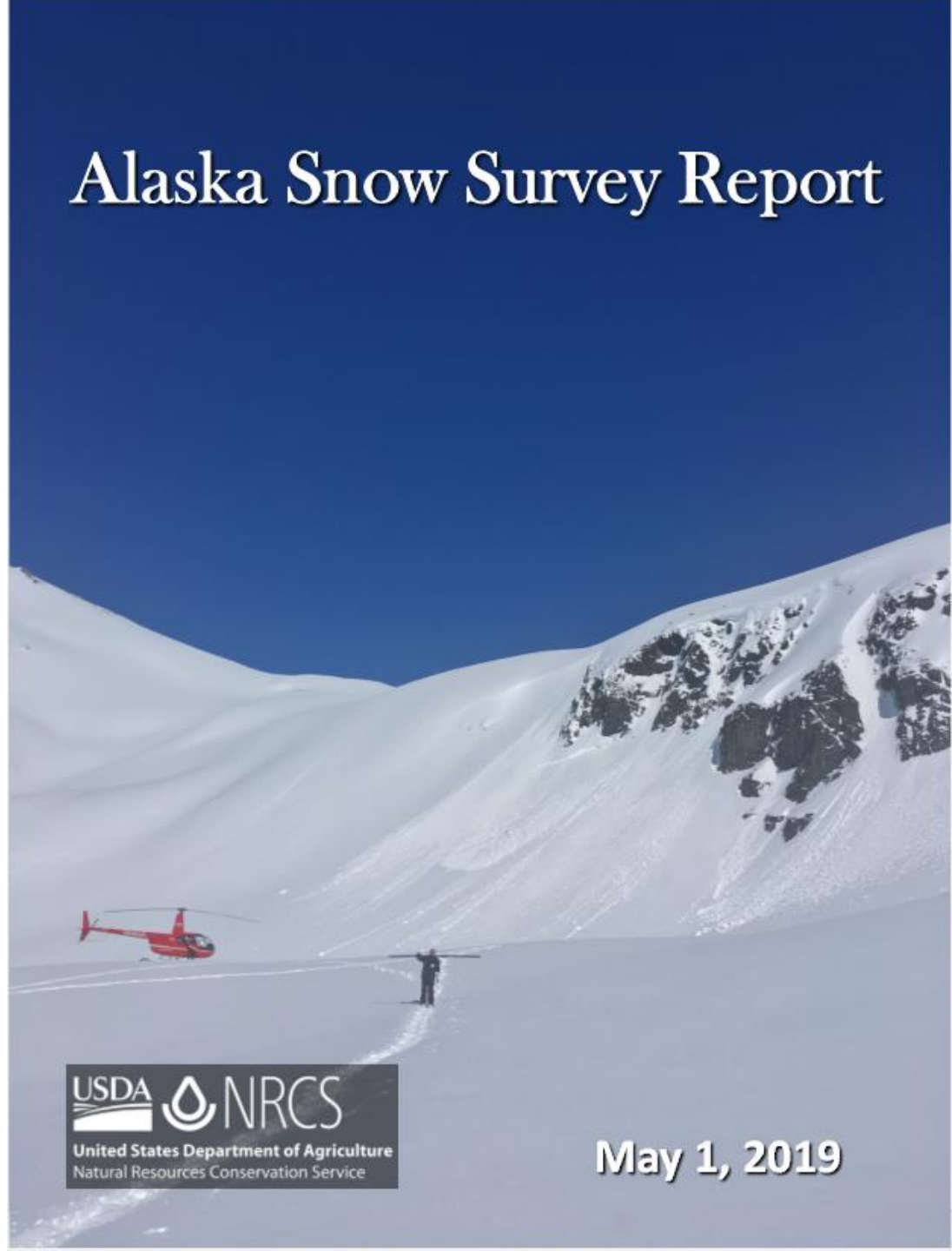


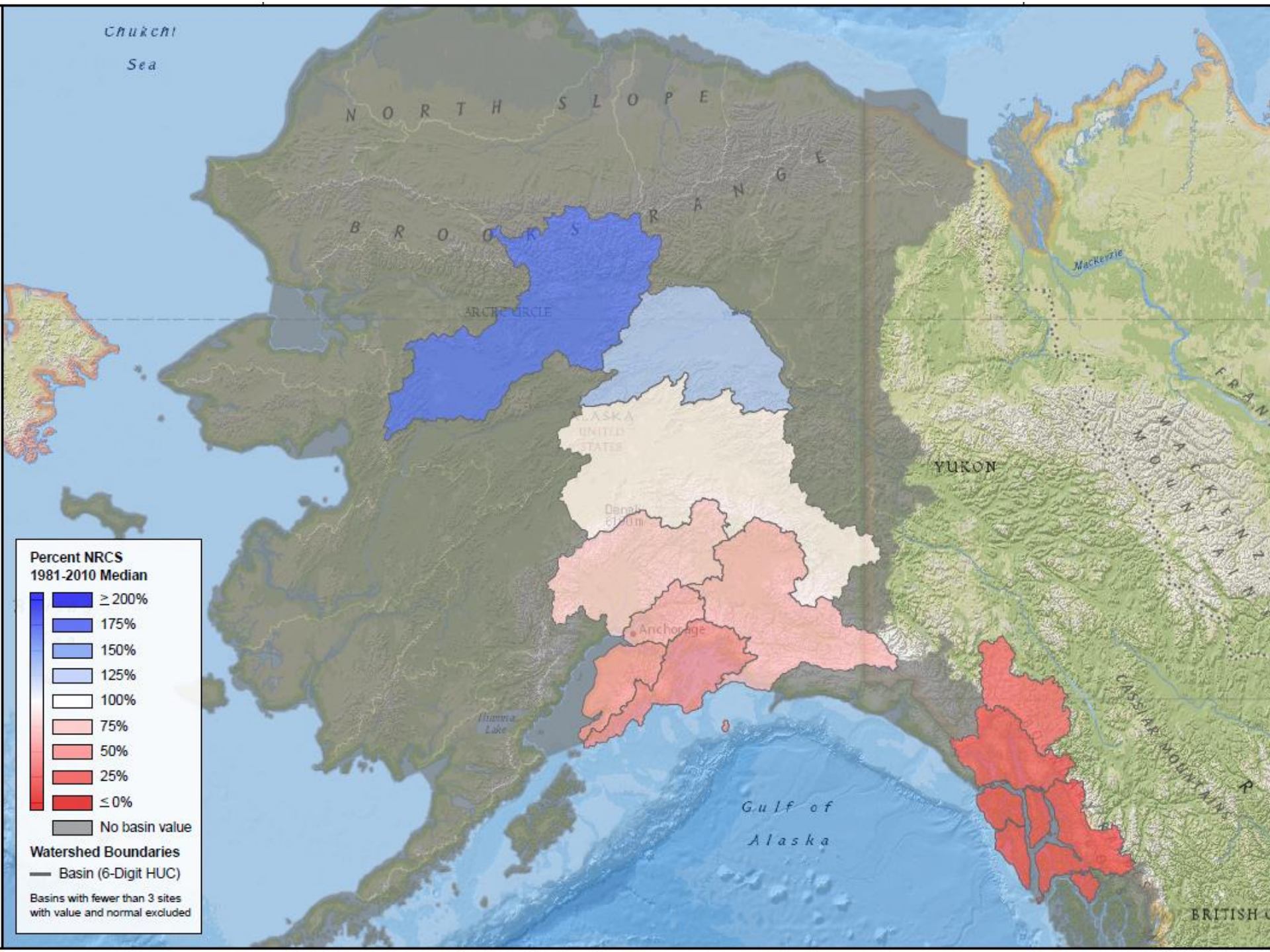
Alaska Snow Survey Report

What do we
do with the
data?

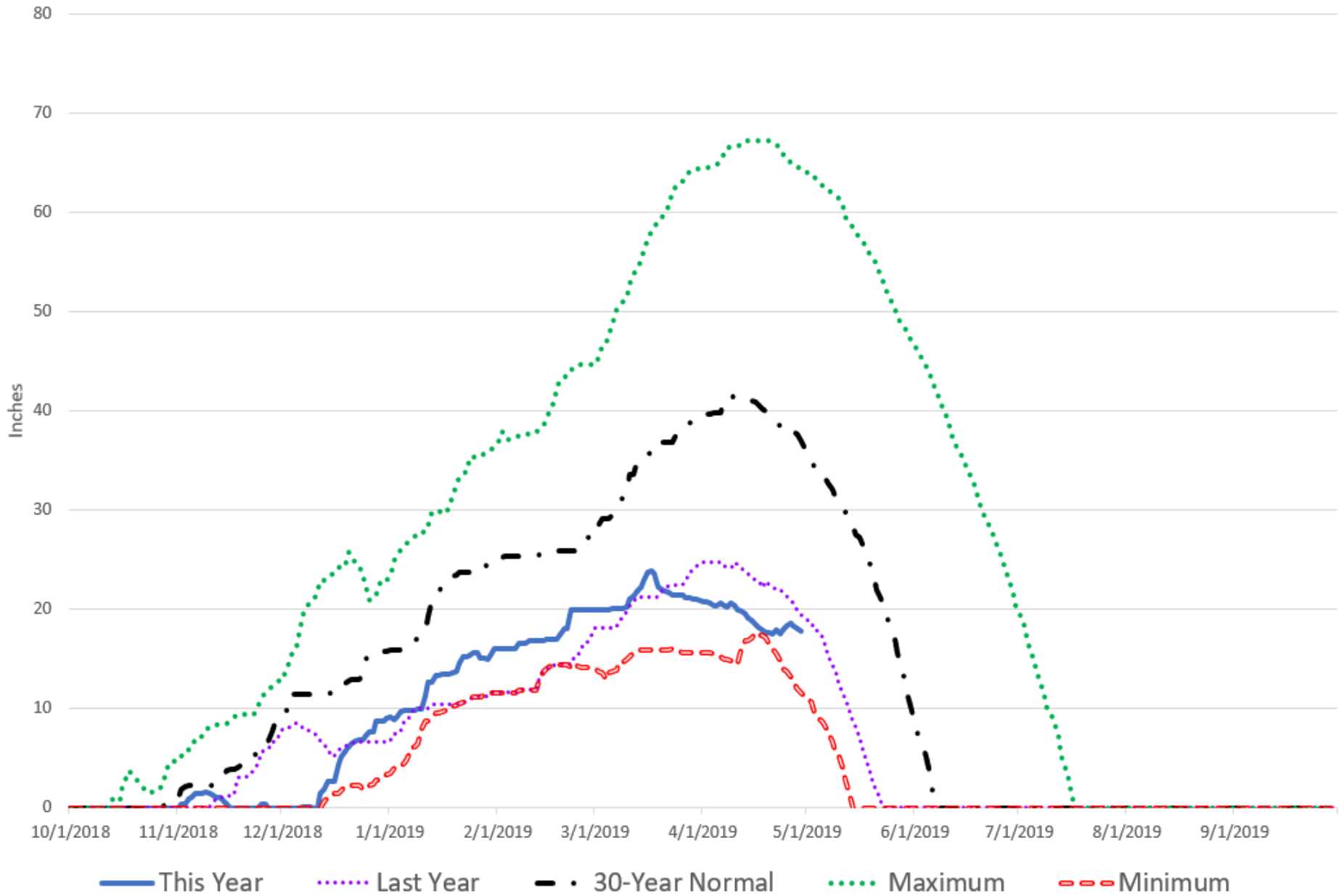


May 1, 2019

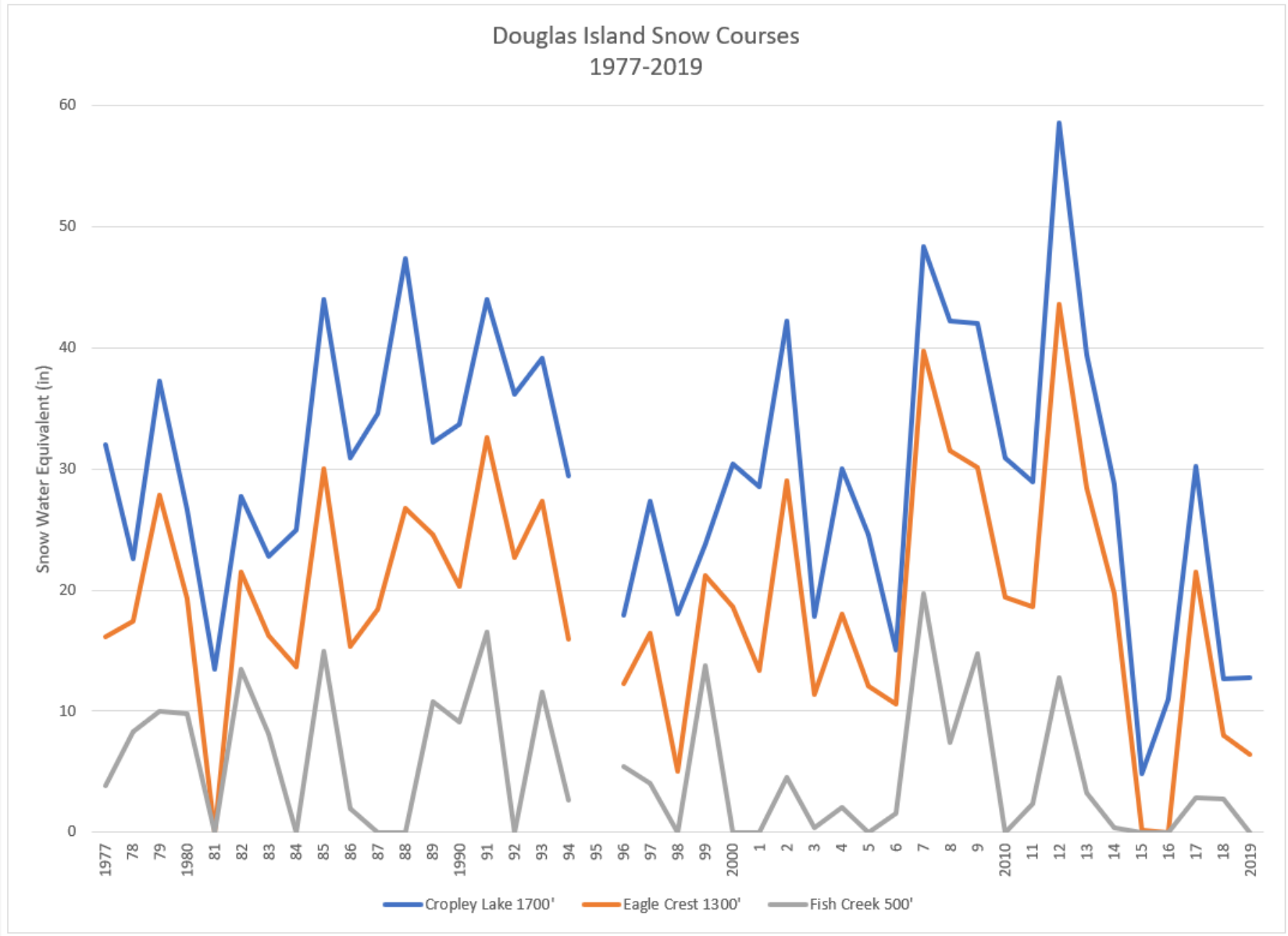




Long Lake SNOTEL
Snow Water Equivalent
19 years of record

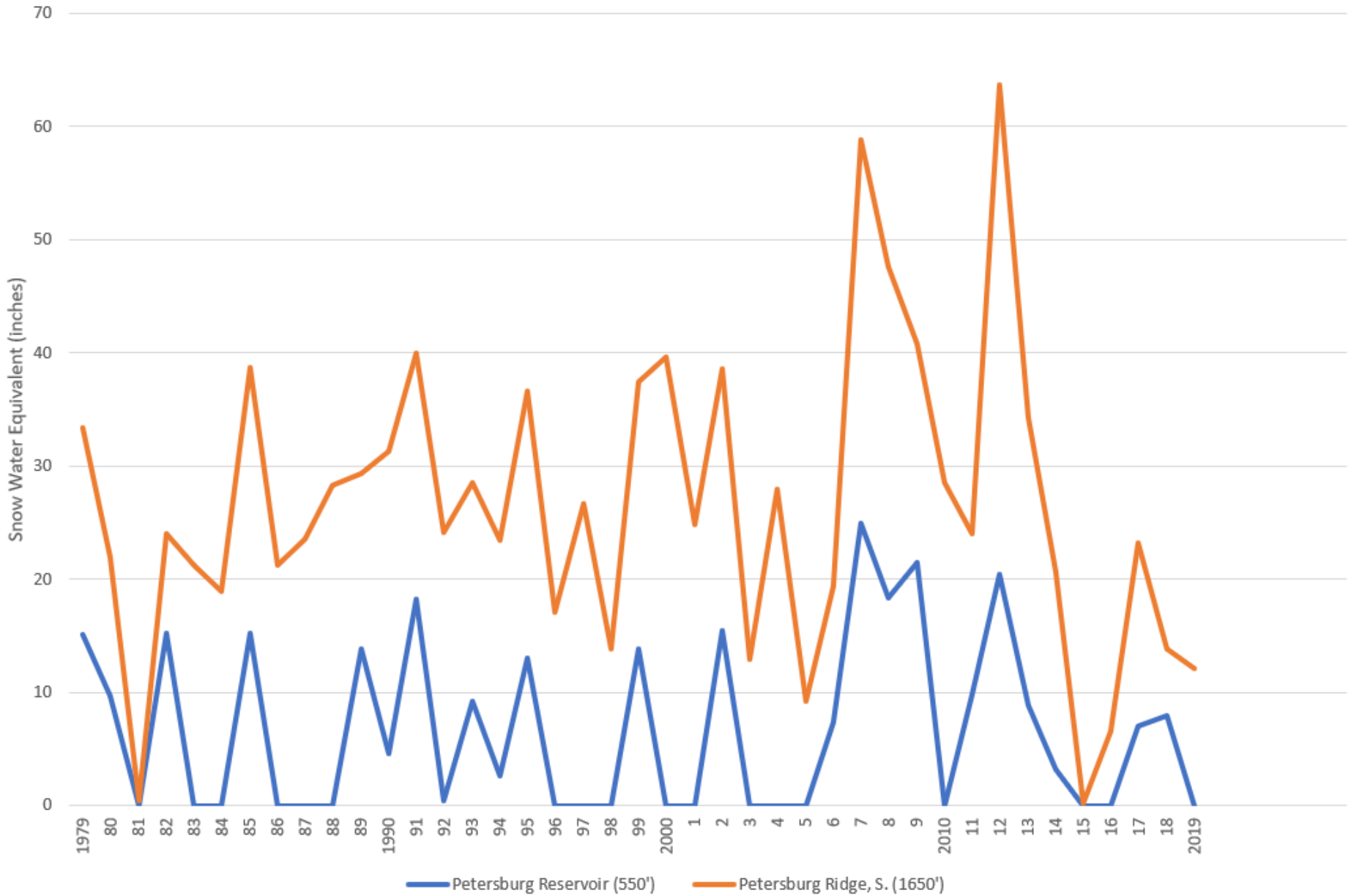


Historic Data



Petersburg Area Snow Courses

1979-2019





Any Questions or Comments?

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