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 TELEmetry)
SNOTEL SITE (SNOw TELemetry)
Long Lake SNOTEL
Long Lake April 29, 2007
- 12 foot Shelter covered with snow
Where is snow measured?
What do we do with the data?
Historic Data

Douglas Island Snow Courses
1977-2019

Snow Water Equivalent (in)

- Cropley Lake 1700'
- Eagle Crest 1300'
- Fish Creek 500'

Year:
1977, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 2000, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 2019
Any Questions or Comments?

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