# ACCESSING CLIMATE DATA THROUGH SCACIS

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## scACIS

- ACIS=Applied Climate Information System
- Web interface maintained by Northeast Regional Climate Center (Cornell Univ.)
- Access to historic & real-time basic climate data
- Largely mirrors data archive at NOAA's National Centers for Environmental Information
  - Official US archive
  - Some (for precip minimal) quality control
- http://scacis.rcc-acis.org/

SC ACIS



#### Where is there data for?

- NWS maintained stations
  - WB/NWS offices (Juneau, Yakutat, Annette)
  - CAA/FAA Flight Service Stations (Sitka, Ketchikan)
  - Cooperative: volunteer (Craig, Snettisham)
- Some DoD stations (e.g. early years of Annette)
- CoCoRaHS: post-1998 (very few in Alaska)
- A few automated station networks: post-1980s
  - Alaska Fire Service RAWS
  - NOAA Climate Reference Network
  - NRCS SNOTel



### What climate data?

#### Daily values of (at most)

- High and Low temperatures
- 24 hour total precip and snowfall
- Snow depth
- Derived values
  - Average temperature
  - Average temperature departure from normal
  - Heating and cooling degree days

























