

# Idaho



Corey Loveland

IWUA-

Idaho NRCS Snow Survey Intro and Future

# Snow Survey

January 28, 2021



- New and Improved??!! (Hopefully)



Shhhh!, but we still use the experience of the Old Timers!



- Fully Staffed! (8)
- Meet the Staff...



# Danny Tappa Data Collection Officer

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- Data management & operations oversight (Quality Control)
  - Been with Snow Survey for over 5 years-longest tenured hydrologist on snow survey
  - Our connection to Jeff Graham, (E-tech), Phil Morrisey (data collection/ops) and Ron Abramovich (WSS)
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(They had combined ~80 years experience)







## Erin Whorton-Water Supply Specialist (the new Ron Abramovich)

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- Ice and glacier, backcountry first aid expert, media and outreach, remote sensing, partnerships
  - Been all over the World working on snow and glaciers data collection
  - Came from USGS leading the Glacier and Climate program doing snow depth research in Washington State
  - Has been on the team for about 6 months

# Earl Adsley Hydrologist

- Eastern Idaho snotel data manager (upper Snake), tower climbing trainer, database manager, loves field work!
- Native Idahoan- Genesee
- Came onboard as an intern
- Helps in the Snow Survey shop





# Mark Robertson-Hydrologist

- Central Idaho snotel data manager (Boise, Salmon, Lost, Wood and Payette Rivers), software guru (programming), radar snow depth specialist
- Came from the USDA-Agricultural Research Service, worked on iSnobal modeling. Started at the beginning of last summer





## Pete Youngblood Hydrologist

- Southern Idaho snotel data manager, manages snow course data, programming/development, temperature gradients in snowpack experience, avalanche hazards, electronics
- Experience in snow and soil science, chemistry, and computer programming
- Been on team for a year, came on as an intern
- Will be stationed in Coeur d' Alene





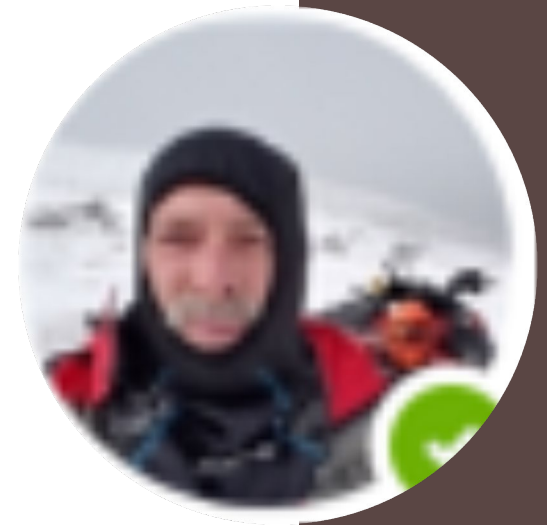
## Cody Brown Hydrologist

- Northern Idaho snotel data manager, works in snow survey shop, field going Hydrologist, site maintenance lead, mapping/GIS, member of telemetry working group.
- Came in as an intern.
- Started at the beginning of last summer
- Will be stationed in Coeur d' Alene



# John Wilford-Electronics Technician (Shop Manager)

- Snow Survey shop and fieldwork/vehicles lead
- From Rockland, Idaho. Worked 8 years with USDA-Agriculture Research Service as electronics technician, rangeland technician, and hydrology technician.
- Has 5 years experience as Lead Electronics Technician.
- The go to guy for supplies, maintenance, logistics and everything field related, Spends his free time outdoors.



# Corey Loveland

## Snow Survey Supervisor

- Most recent onboard, but a lot of you know me already
- Idaho Snow Survey Supervisor and Program Manager
- Been here for 3 months; came from the National Weather Service's North Central River Forecast Center, near Minneapolis, MN. Coordinated outreach, worked with Weather Forecast Offices for flood forecasting on the upper Mississippi River basin.
- Native to Boise and first position was a temporary hydrologic technician for the Idaho Snow survey program a few years back. Extensive water supply and flood forecasting/modeling.
- Has worked in water resources for 18 years







# Where are we going????



- Breathe a sigh of relief... We don't plan on changing anything...
- Continuing base products, but looking at improvements
- Feedback wanted
- We want to help you help yourself...To find our website... google "Idaho Snow Survey" and you will find our interactive map or iMap...Erin Whorton will do a quick demo in her presentation
- GOES satellite telemetry upgrade... (~50% converted)
- Speaking of Satellites...we are looking at making 2 satellite offices—One in Coeur d' Alene and the other in eastern ID





More Stuff

- Training ... Snow School and local training
- Revisiting & strengthening Partnerships with Corps and Reclamation

**Don't hesitate to contact us if you have questions, concerns or suggestions!!**

Thank you!

**Idaho NRCS Snow Survey**

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