An Overview of the CBRFC

2017 Stakeholder Open House
Overview

- Who we are
- Summary of operations
- Products and Services
Who Are We?

- Part of NOAA - NWS, one of 13 RFCs nationwide
- An operational field office located in Salt Lake City, UT
- Highly collaborative, reliant on partners and data
- All about decision-support!
Who We Are

• Work with a broad and diverse set of stakeholders
  – Weather Forecast Offices and Reclamations
  – Municipal and Agricultural Water Users
  – USGS, NRCS, and many other federal agencies
  – State agencies, Academics, NGOs, Tribes

• Receive data from many of these sources
Providing Decision Support
Stakeholder Needs Are Changing

• Where we were:
  – What is THE forecast?
  – How much water is there?
  – How much snow is there?
  – Will there be flooding?

• Where we are going:
  – What is the range of forecasts?
  – What is the likelihood of reaching this flow?
  – What if it’s a dry/wet year?
  – What is the risk to filling my reservoir?
  – What is your uncertainty?
Products and Services
Support flood warning efforts by weather forecast offices
• Water Supply Forecast
  – Utilize an ensemble of future climate to generate possible streamflow futures
  – Dependent on precipitation information during the runoff season – we pay close attention to snowpack
  – Model soil moisture component is very important

• The more information we have the better!
Products and Services
Products and Services

• Peak Flow Forecasts
  – Mean Daily Peak Flow
  – Helpful for environmental resource managers
  – Meet environmental targets
Coordination Efforts

• Stakeholder Open House (Like this one!)
  – Broad range of stakeholders
  – Introduce new products and services
  – Reinforce traditional products and services
  – Important for us to get feedback

• Frequent webinars
  – Water supply, peak flows
  – Custom Webinars for your group
  – WFO Coordination
Coordination Efforts

• Participation in stakeholder-run meetings and events

• Participation in multi-agency efforts
  – Landscape Conservation Cooperatives
  – Climate Science Centers
  – NOAA RISAs (like CLIMAS or WWA)
  – Others

• Direct contact by phone, e-mail, etc...
How can we help?

- What sites, areas are important to you?
- Is there a site or area that you would like us to add?
- What are your major concerns and decisions? What kind of information can we provide to help with decision support?
• We always need data and can work with you to get us the information in a way that is convenient to you
  – If there’s enough data, we can add points
  – Changes to operations
• What are your major decision points?
• Let us know how we can help!