

# eWaCH.net goals

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# Centralia - south



# Longmire - West



# Climate trends

- Need long stable or stabilizable records, site metadata, mountain sites
- Possible actions:
  - ★ document site problems - non-HCN better?
  - ★ establish new climate network?
  - ★ other variables - wind, solar, dew point,
  - ★ improve siting of key USHCN stations, homogenize high-elevation COOP stations
  - ★ improve data reporting (reduce gaps + errors)

# Drought monitoring

- Need wide coverage, long records, and fast reporting -
- Possible actions:
  - ★ upgrade key stations for real-time reporting
  - ★ add soil moisture sensors?

# Hydrologic forecasting

- Needs: real-time reporting of hydrologically relevant data, especially at long-term stations and at a range of elevations
- Possible actions:
  - ★ Improve real-time reporting
  - ★ Naturalized estimates of streamflow at locations with long records
  - ★ Add soil moisture sensors - solar radiation?
  - ★ ensure adequate coverage by SNOTEL in some key basins