



## Additional Snow Telemetry (SNOTEL) Stations

Upper Crooked River Basin currently has three SNOTEL sites. Adding more sites could improve runoff forecasts and make water operations more efficient.

## Gaging at Diversions

Additional measurement (gaging) of diversions from Crooked River below Prineville Reservoir could help water managers achieve more efficient operations.

## Potential Forecasting Improvements

Options for improving hydrologic forecasts include: aerial snow observations, modeling approaches, and refinement of existing forecasting techniques.

## Groundwater/Surface Water Switches and Aquifer Recharge

Opportunities to use temporary groundwater-surface water exchanges and below ground storage concepts could provide additional flow to Whychus Creek in dry years.

## Legal, Policy and Economic Issues

The study evaluated water rights, legal and policy opportunities and impediments associated with:

- Using stored water for instream flow protection and groundwater mitigation
- Different options for moving water between farms and rivers:
  - Transfers
  - Leases
  - Conserved water allocations
  - Exchanges
  - Water management agreements
- Potential new or expanded reservoir storage

