

Climate Change Impacts in Western Basins



Increasing Temperature

All basins will see an increase in temperature.



Decreasing Precipitation

The following basins will see a decrease in precipitation:
Lower Colorado River Basin, Rio Grande Basin, San Joaquin River Basin
and Truckee River Basin.



Increasing Precipitation

The following basins will see an increase in precipitation:
Upper Colorado River Basin, Columbia River Basin, Missouri River Basin
and Sacramento River Basin.



Decreasing Snowpack

The following basins will see a decrease in snowpack:
Klamath River Basin, Missouri River Basin, Rio Grande Basin,
Sacramento and San Joaquin River Basins and Truckee River Basin.



Flood Control Challenges

The following basins will face wintertime flood control challenges:
Columbia River Basin, Klamath River Basin, Missouri River Basin,
Rio Grande Basin, Sacramento and San Joaquin River Basins and
Truckee River Basin.



Water Supply Availability

Reductions in ^{fall} and summer runoff reductions could translate
into a drop in water supply for the following basins:
Colorado River Basin, Columbia River Basin, Klamath River Basin,
Missouri River Basin, Rio Grande Basin and Truckee River Basin.



Hydropower Generation Availability

The ability of dams with hydropower generation to produce hydropower
will be reduced for the following basins:
Klamath River Basin, Missouri River Basin, Rio Grande Basin,
Sacramento and San Joaquin River Basins and Truckee River Basin.

Climate Change Impacts in The Western States

