

# Conditions Map

Help



Zoom in/out with these buttons. (or double-click map to zoom).

General Map Help

Click on points for more information.

Pan map by dragging mouse anywhere on map except over points.

## ▼ River Conditions

Data Updated: 03/09/20Z

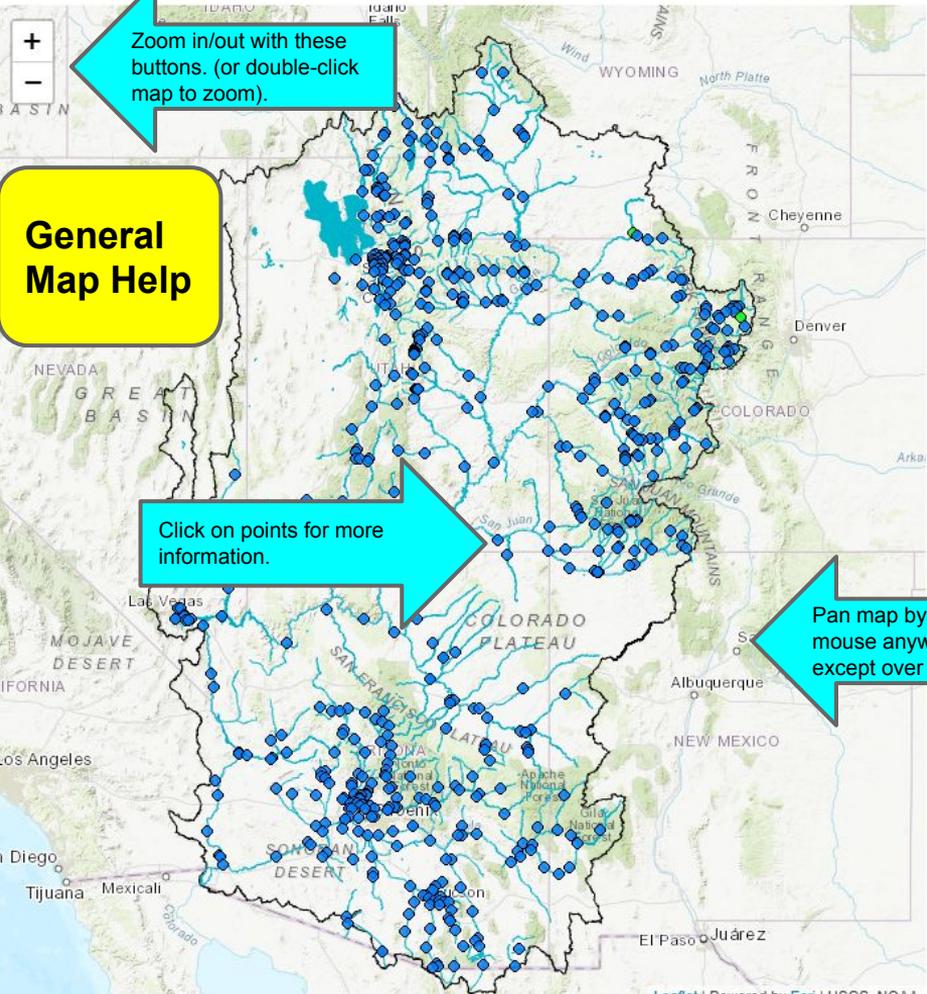
[Help](#)

- Show [Hide Other Types](#)
- Data
- Forecast
- Reservoir Inflow
- Reservoir Outflow
- Official Flood
- Active

- ◆ Not Available
- Normal
- Significant Rise
- Near Action
- Above Action
- Above Flood Stage
- Outlook (> 3 days)

Popup Alerts

- ▶ Snow Conditions
- ▶ Daily Forecasts
- ▶ Monthly Forecasts
- ▶ Reservoir Conditions
- ▶ Daily Precipitation
- ▶ Monthly Precipitation
- ▶ Soil Moisture
- ▶ Map Options
- ▶ Search Points



Lat: 37.6 Lng: -110.5, Zoom: 6

Leaflet | Powered by Esri | USGS, NOAA

River Panel Help

River Panel. Click to open/close.

Click to turn on/off river point types.

Click on river points for hydrograph.

River Conditions

Data Updated: 03/09/20Z

Help

- Show [Hide Other Types](#)
- Data
- Forecast
- Reservoir Inflow
- Reservoir Outflow
- Official Flood
- Active

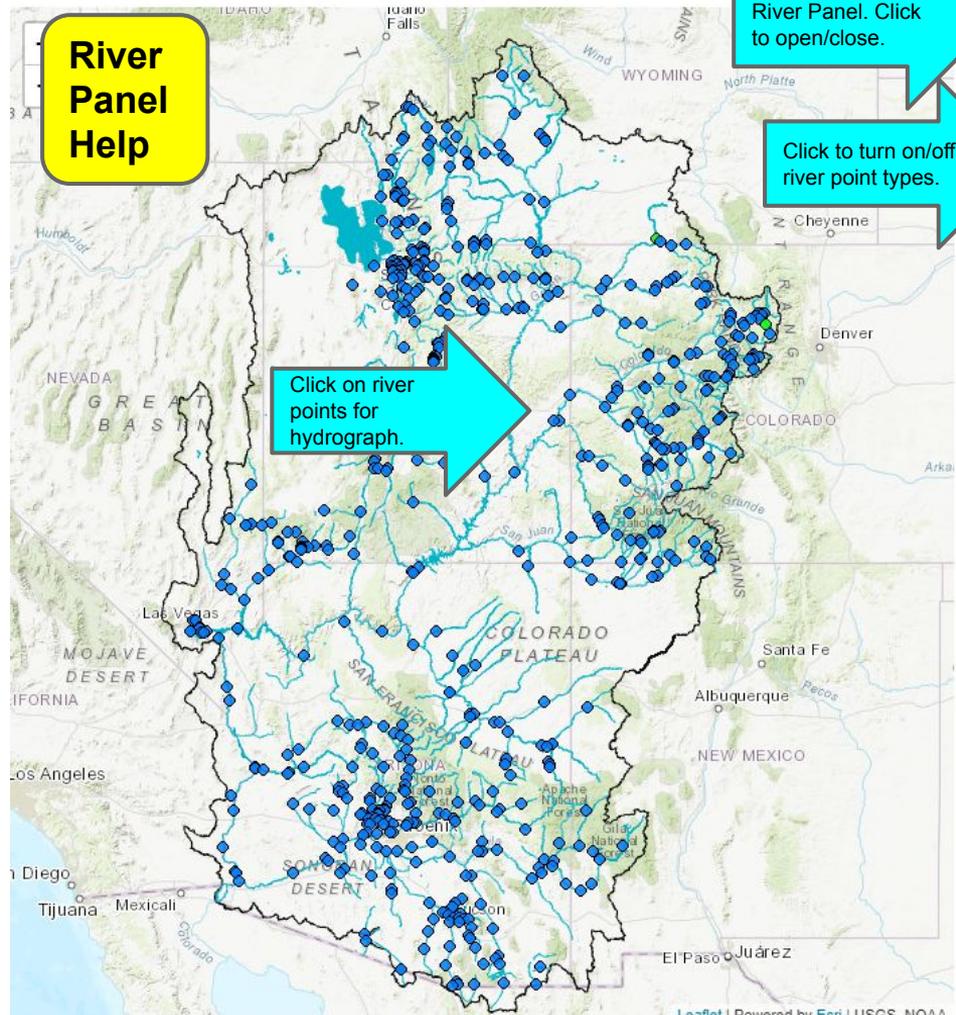
**River Points Types**  
*Data:* No forecasts available.  
*Forecast:* CBRFC provides forecast.  
*Reservoir Inflow:* Forecast inflow to reservoir.  
*Reservoir Outflow:* Forecast outflow.  
*Official Flood:* Flood stage available.  
*Active:* Condition is higher than 'Normal'.

- ◆ Not Available
- Normal
- Significant Rise
- Near Action
- Above Action
- Above Flood Stage
- Outlook (> 3 days)

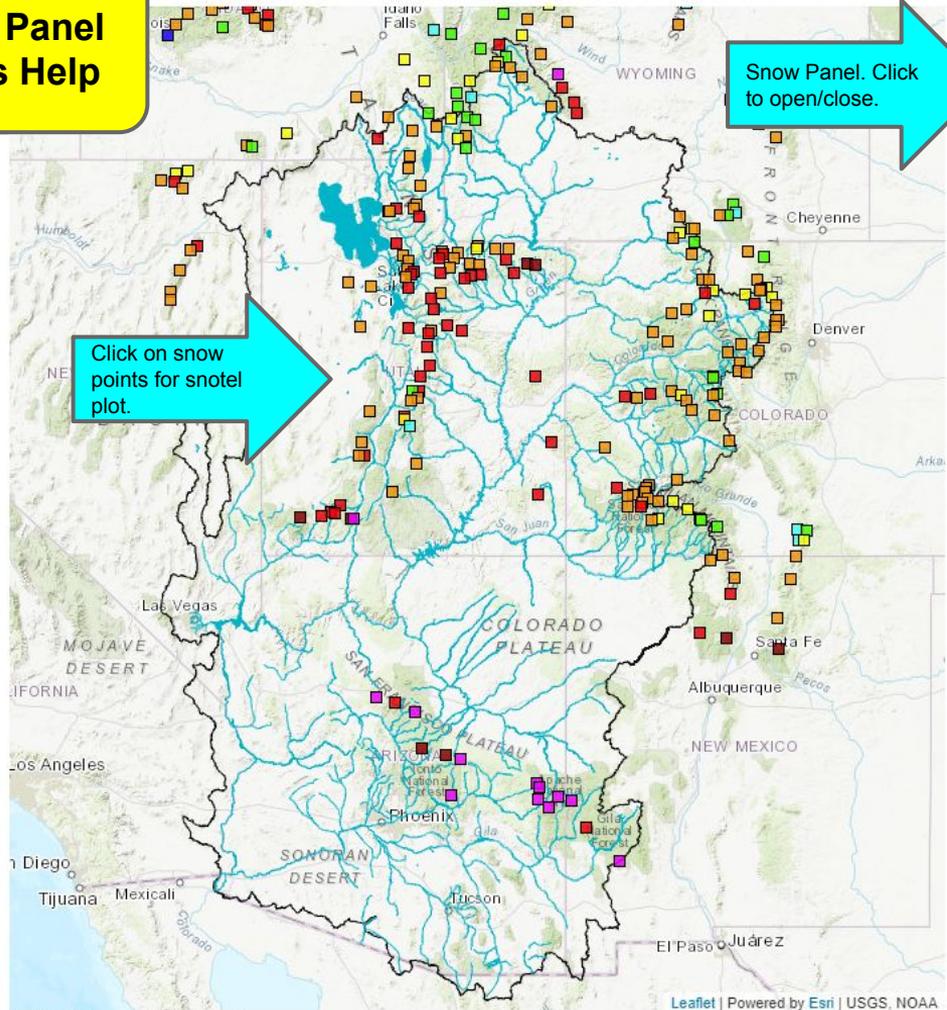
River point legend.

Popup Alerts

- ▶ Snow Conditions
- ▶ Water Supply Forecasts
- ▶ Peak Flow Forecasts
- ▶ Reservoir Conditions
- ▶ Daily Precipitation
- ▶ Monthly Precipitation
- ▶ Soil Moisture
- ▶ Map Options
- ▶ Search Points



# Snow Panel Points Help



Lat: 37.6 Lng: -110.5, Zoom: 6

Leaflet | Powered by Esri | USGS, NOAA

- ▶ River Conditions
- ▼ Snow Conditions

Points   Grids   Model

Data Updated: 2021-03-09 [Help](#)

Show [Hide Other Types](#)

- No Data
- No Average
- < 7000 ft
- 7000-8000 ft
- 8000-9000 ft
- 9000-10000 ft
- > 10000 ft

Percentiles

Percent Average

Percent Median

- No Data
- < 30%
- 30-50%
- 50-70%
- 70-90%
- 90-100%
- 100-110%
- 110-130%
- 130-150%
- 150-200%
- 200-300%
- 300-500
- >500%

Turn on/off snow point types based on elevation of site.

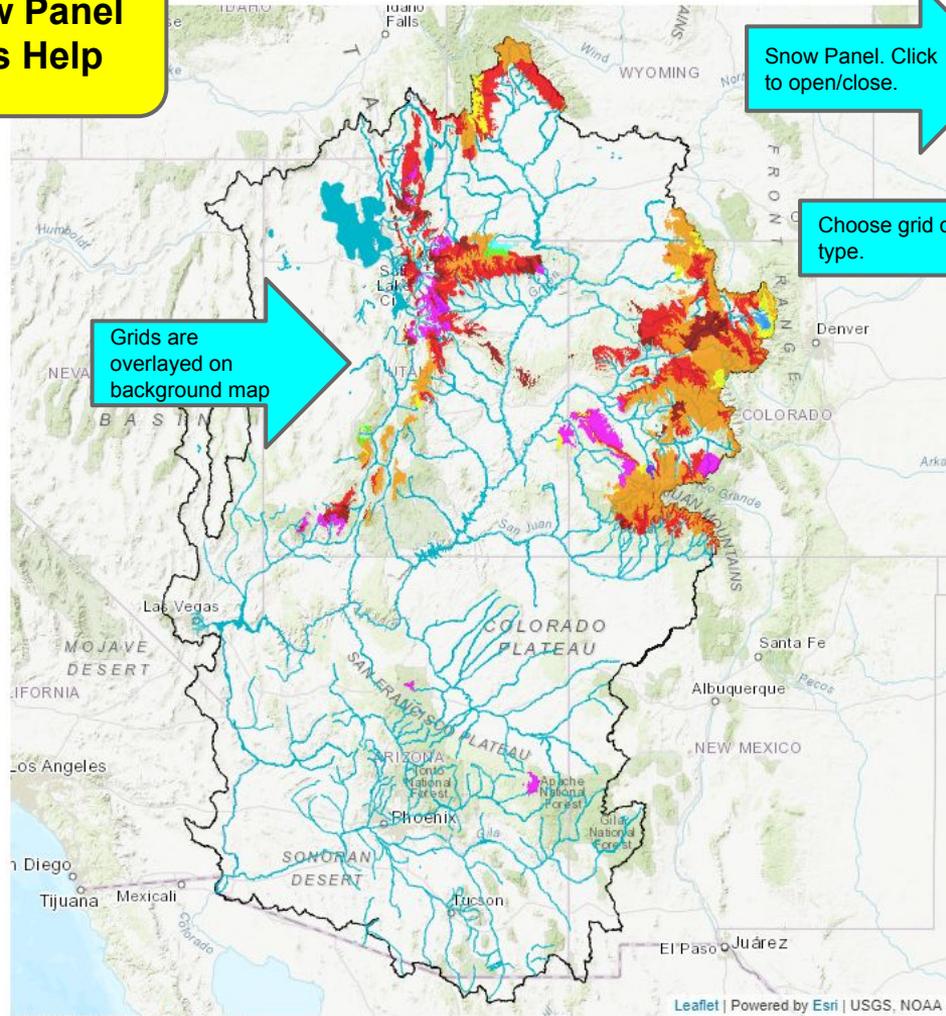
Choose data categorization type.

Snow point legend for current data categorization.

- ▶ Water Supply Forecasts
- ▶ Peak Flow Forecasts
- ▶ Reservoir Conditions

# Snow Panel Grids Help

Map [Help](#)



Snow Panel. Click to open/close.

Choose grid data type.

Grids are overlaid on background map

- River Conditions
- ▾ Snow Conditions

Points **Grids** Model

- Dust - Model Temp Delta
- Modeled SWE
- Percent Median
- Percent Median - Significant Areas

Choose date of grid here.

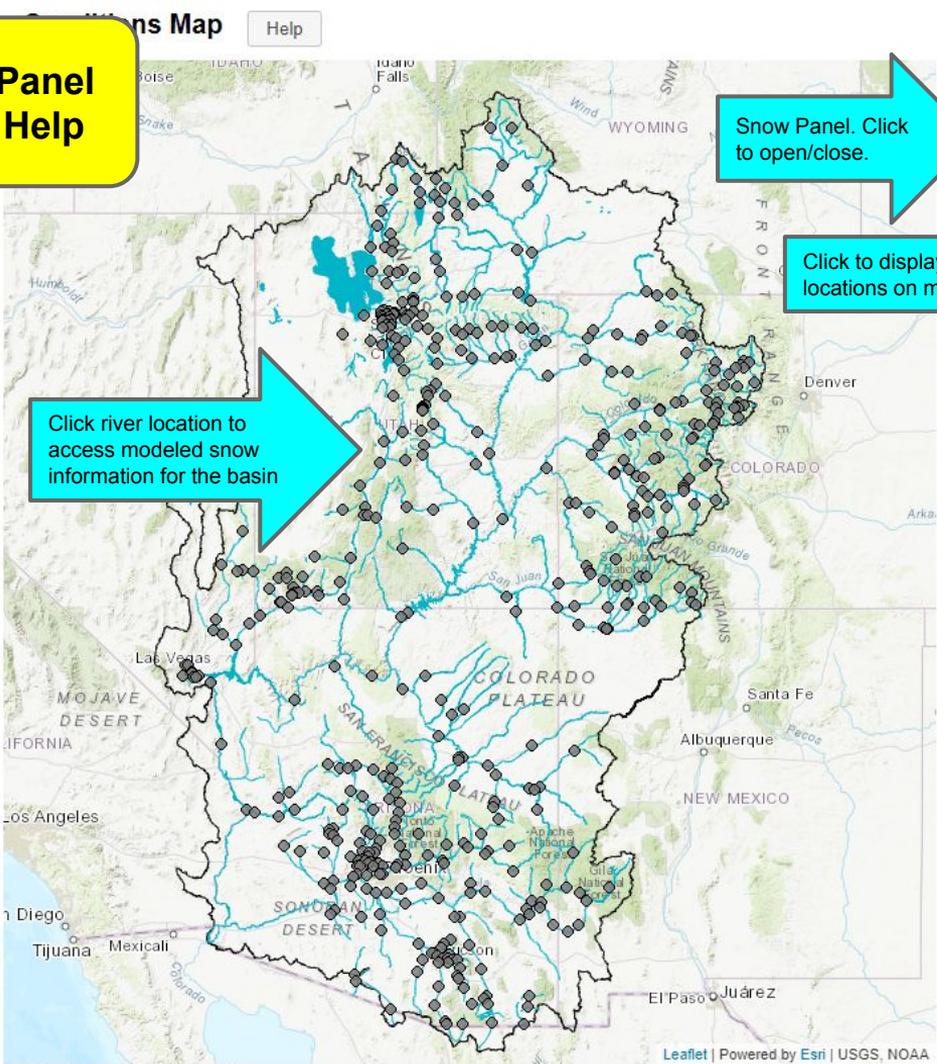
### % Median SWE

- >500%
- 300-500%
- 200-300%
- 150-200%
- 130-150%
- 110-130%
- 100-110%
- 90-100%
- 70-90%
- 50-70%
- 30-50%
- 0-30%

Grid Legend.

- Water Supply Forecasts
- Peak Flow Forecasts
- Reservoir Conditions
- Daily Precipitation
- Monthly Precipitation

# Snow Panel Model Help



Click river location to access modeled snow information for the basin

Snow Panel. Click to open/close.

Click to display locations on map

- River Conditions
- ▾ Snow Conditions

Points   Grids   **Model**

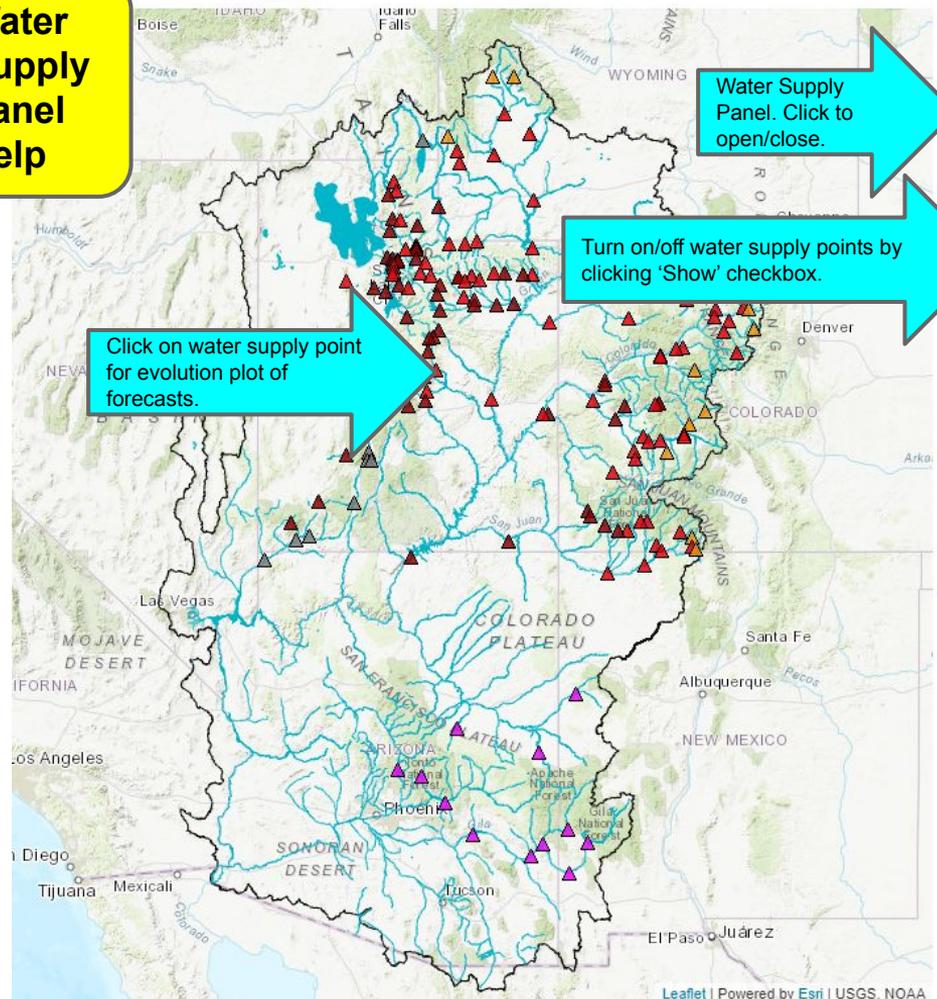
Show Points   [Hide Other Types](#)   [Help](#)

Click on Point to View Model Snow Graph.

Choose model.

- Water Supply Forecasts
- Peak Flow Forecasts
- Reservoir Conditions
- Daily Precipitation
- Monthly Precipitation
- Soil Moisture
- Map Options
- Search Points

**Water Supply Panel Help**



Water Supply Panel. Click to open/close.

Turn on/off water supply points by clicking 'Show' checkbox.

Click on water supply point for evolution plot of forecasts.

Choose forecast type (Official or ESP) and the categorization type (Percent Average or Percent Median)

Legend for current forecast categorization.

- ▶ River Conditions
- ▶ Snow Conditions
- ▼ Water Supply Forecasts

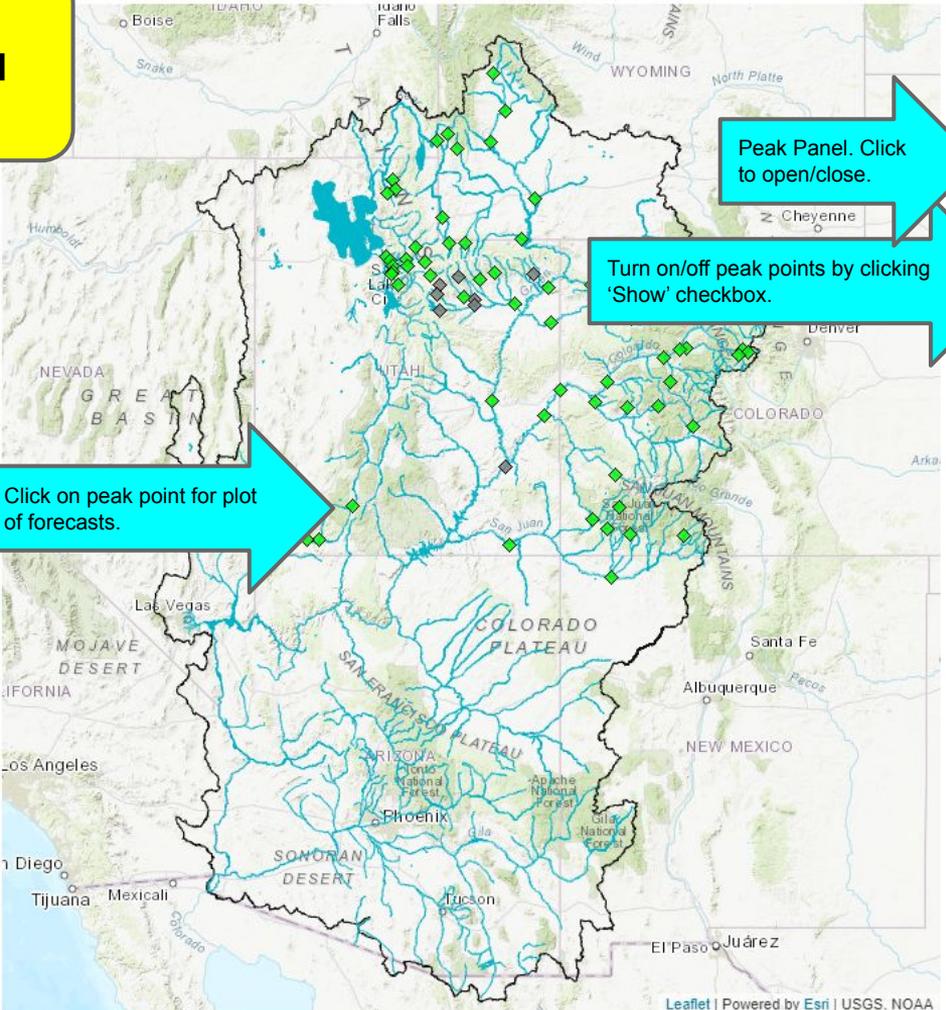
First of Month Forecast Date: 2021-3-1 [Help](#)  
 Latest Model Run Date: 2021-03-09

- Show [Hide Other Types](#)
- First of Month Forecast Percent Average
  - First of Month Forecast Percent Median
  - Latest Model Guidance Percent Average
  - Latest Model Guidance Percent Median

- ▲ < 30%
- ▲ 30-50%
- ▲ 50-70%
- ▲ 70-90%
- ▲ 90-100%
- ▲ 100-110%
- ▲ 110-130%
- ▲ 130-150%
- ▲ 150-200%
- ▲ 200-300%
- ▲ 300-500%
- ▲ >500%
- ▲ Regulated
- ▲ No Forecast

- ▶ Peak Flow Forecasts
- ▶ Reservoir Conditions
- ▶ Daily Precipitation
- ▶ Monthly Precipitation
- ▶ Soil Moisture
- ▶ Map Options

Peak Panel Help



Peak Panel. Click to open/close.

Turn on/off peak points by clicking 'Show' checkbox.

Click on peak point for plot of forecasts.

Choose forecast type (Mean Daily Instantaneous, or percentile ranking) not all points have all types of forecast.

Legend for current forecast type.

- ▶ River Conditions
- ▶ Snow Conditions
- ▶ Water Supply Forecasts
- ▶ Peak Flow Forecasts

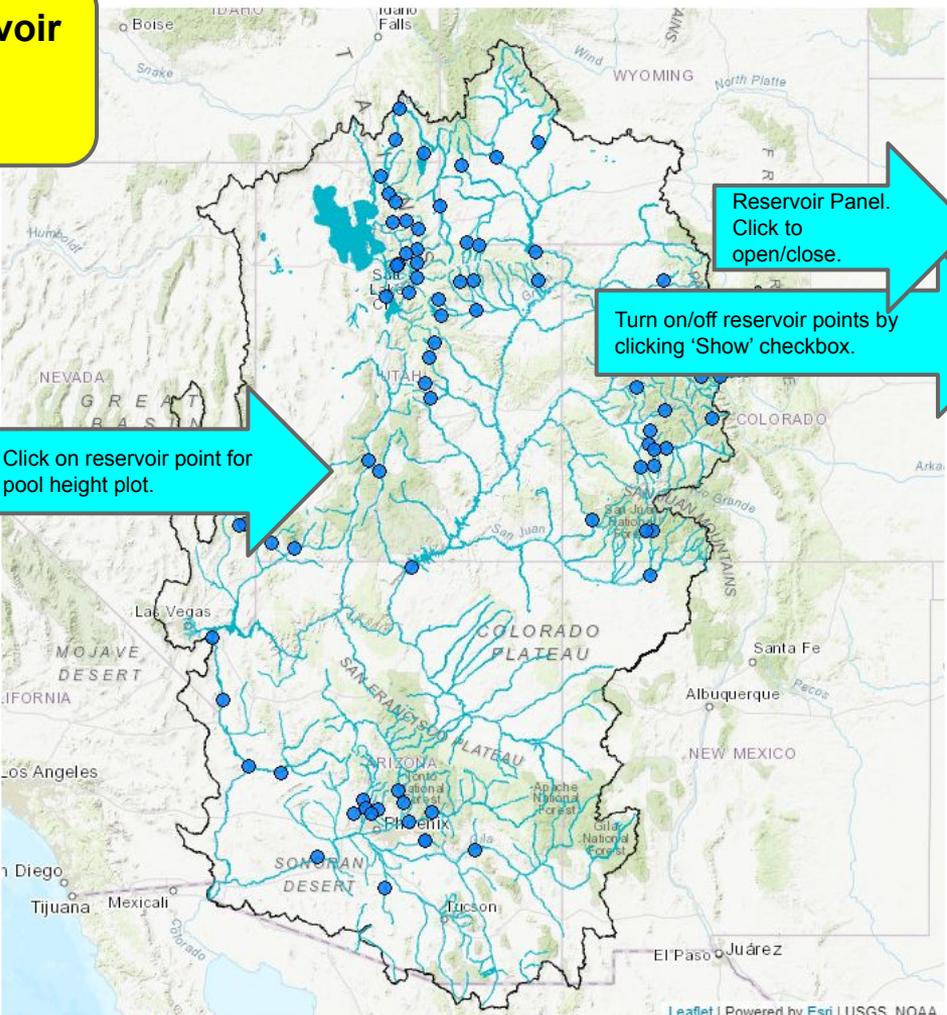
Latest Official Forecast Date: 2021-03-01 [Help](#)  
Latest Model Run Date: 2021-03-09

- Show [Hide Other Types](#)
- Official Mean Daily Peak Flow Forecast
- Official Instantaneous Peak Flow Forecast
- Latest Model Guidance Percentile Ranking

- ◇ No Forecast
- ◆ No Flood Stage
- ◆ <10%
- ◆ >10-25%
- ◆ >25-50%
- ◆ >50%

- ▶ Reservoir Conditions
- ▶ Daily Precipitation
- ▶ Monthly Precipitation
- ▶ Soil Moisture
- ▶ Map Options
- ▶ Search Points

**Reservoir Panel Help**



Reservoir Panel. Click to open/close.

Turn on/off reservoir points by clicking 'Show' checkbox.

Click on reservoir point for pool height plot.

- ▶ River Conditions
- ▶ Snow Conditions
- ▶ Water Supply Forecasts
- ▶ Peak Flow Forecasts
- ▼ Reservoir Conditions

Data Updated: 2021/03/09 20:00 [Help](#)

Show [Hide Other Types](#)

- Condition
- Percent Avg Contents

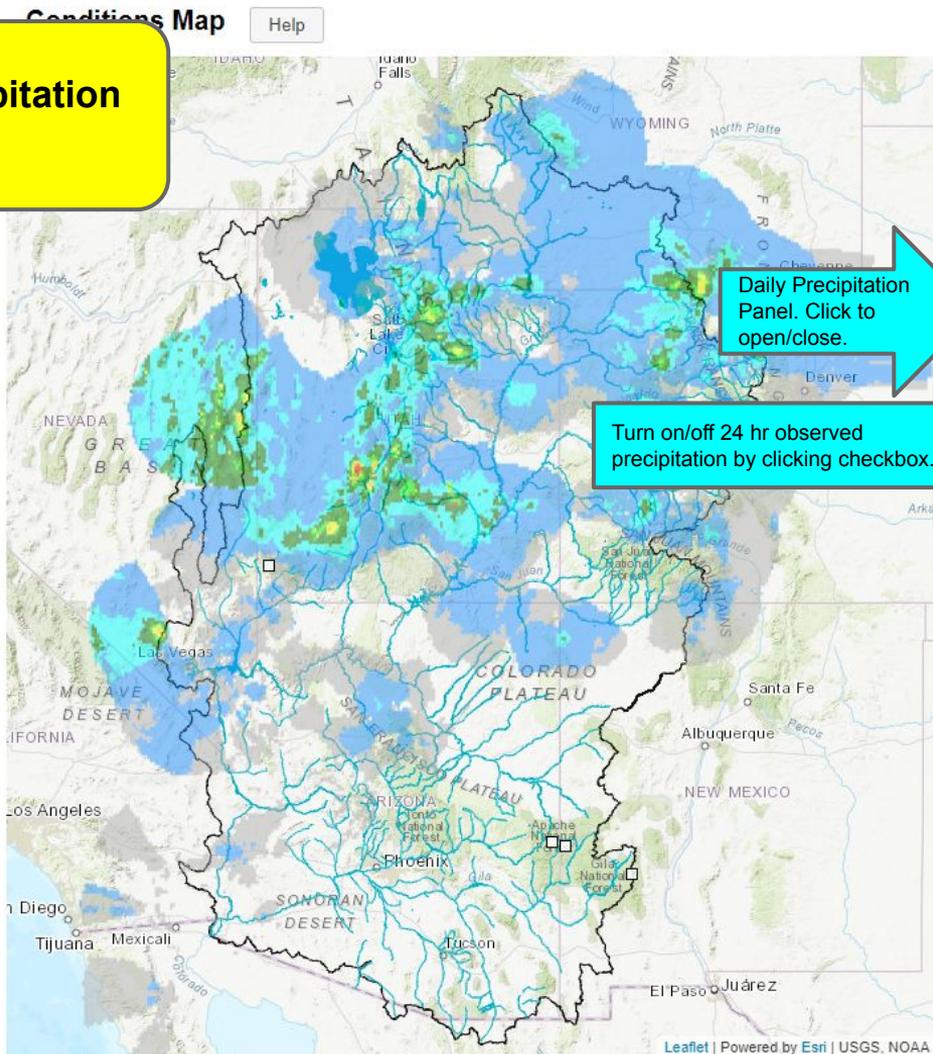
Choose data type (Condition or percent Average Contents), not all points have both types of data.

- Normal
- Near Passflow
- Near Spill
- Above Passflow
- Above Spill
- Near Highest Observed
- 1 ft Above Highest Observed
- 2 ft Above Highest Observed
- Near Capacity
- Above Capacity

Legend for current data type.

- ▶ Daily Precipitation
- ▶ Monthly Precipitation
- ▶ Soil Moisture
- ▶ Map Options
- ▶ Search Points

# Daily Precipitation Panel Help



Daily Precipitation Panel. Click to open/close.

Turn on/off 24 hr observed precipitation by clicking checkbox.

Choose desired date (24 hour precipitation end date)

Legend for precipitation 24 hour amounts.

- ▶ River Conditions
- ▶ Snow Conditions
- ▶ Water Supply Forecasts
- ▶ Peak Flow Forecasts
- ▶ Reservoir Conditions
- ▼ **Daily Precipitation**

**Precipitation**

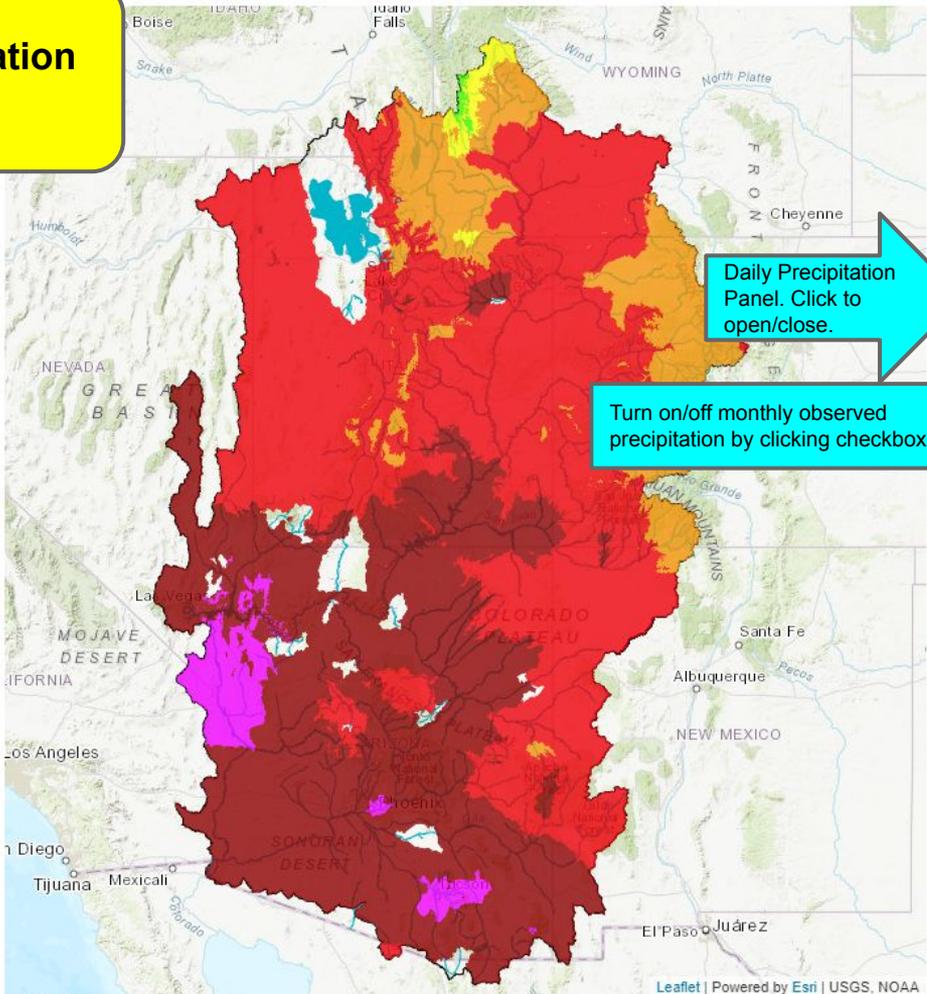
Observed 2021-03-11 12z

Inches

- <0.01
- 0.01-0.1
- 0.1-0.2
- 0.2-0.3
- 0.3-0.4
- 0.4-0.5
- 0.5-0.75
- 0.75-1.0
- 1.0-1.25
- 1.25-1.5
- 1.5-1.75
- 1.75-2
- 2-2.5

- ▶ Monthly Precipitation
- ▶ Soil Moisture
- ▶ Map Options
- ▶ Search Points

# Monthly Precipitation Panel Help



Lat: 37.6 Lng: -110.5, Zoom: 6

Daily Precipitation Panel. Click to open/close.

Turn on/off monthly observed precipitation by clicking checkbox.

- River Conditions
- Snow Conditions
- Water Supply Forecasts
- Peak Flow Forecasts
- Reservoir Conditions
- Daily Precipitation
- ▾ Monthly Precipitation

**Precipitation** Help

Show

October - February 2021 (Water Year)  
 February 2021 (Monthly)  
 March 1 - 09 2021 12z (Month to Date)

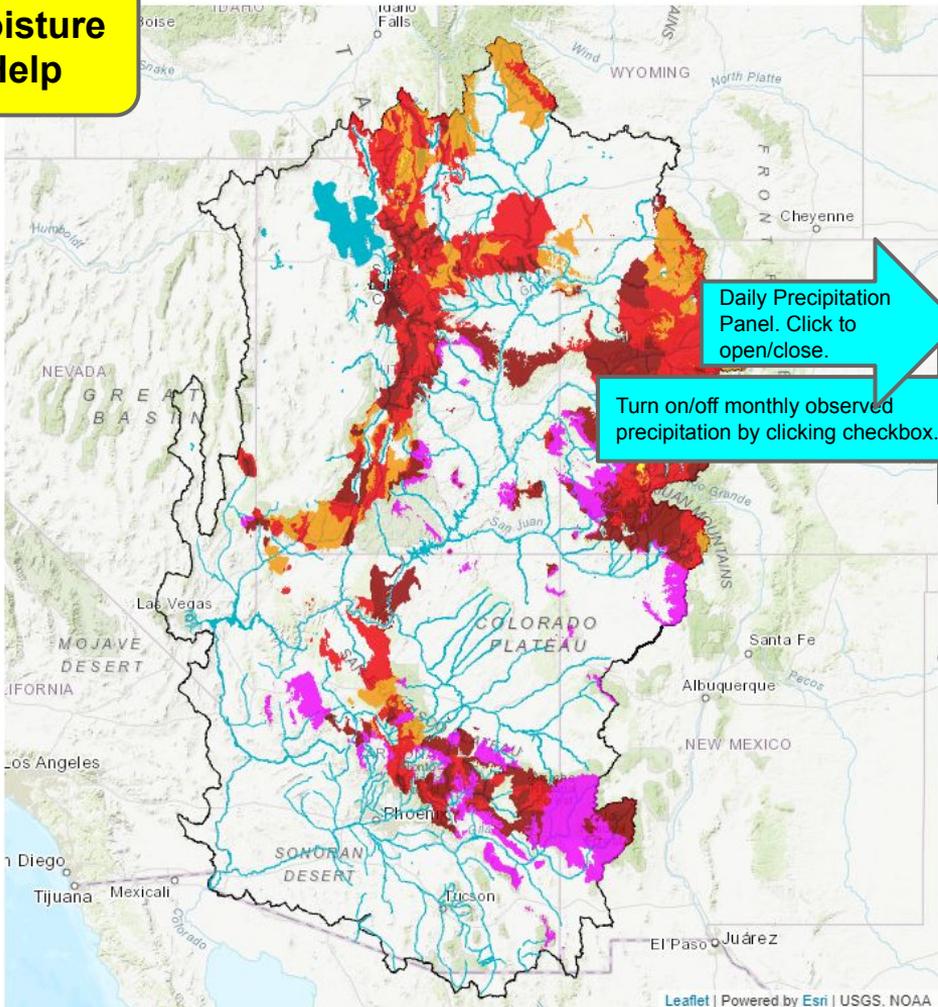
**% Average**

- >500%
- 300-500%
- 200-300%
- 150-200%
- 130-150%
- 110-130%
- 100-110%
- 90-100%
- 70-90%
- 50-70%
- 30-50%
- 0-30%

Choose type of map.

Legend for current data type.

# Soil Moisture Panel Help



Daily Precipitation Panel. Click to open/close.

Turn on/off monthly observed precipitation by clicking checkbox.

Choose type of map.

Legend for current data type.

- ▶ River Conditions
- ▶ Snow Conditions
- ▶ Water Supply Forecasts
- ▶ Peak Flow Forecasts
- ▶ Reservoir Conditions
- ▶ Daily Precipitation
- ▶ Monthly Precipitation
- ▼ **Soil Moisture**

Show

[Help](#)

Fall % Normal (November 15 2020)

Inches to Saturation (March 9 2021)

### % Normal

- >500%
- 300-500%
- 200-300%
- 150-200%
- 130-150%
- 110-130%
- 100-110%
- 90-100%
- 70-90%
- 50-70%
- 30-50%
- 0-30%

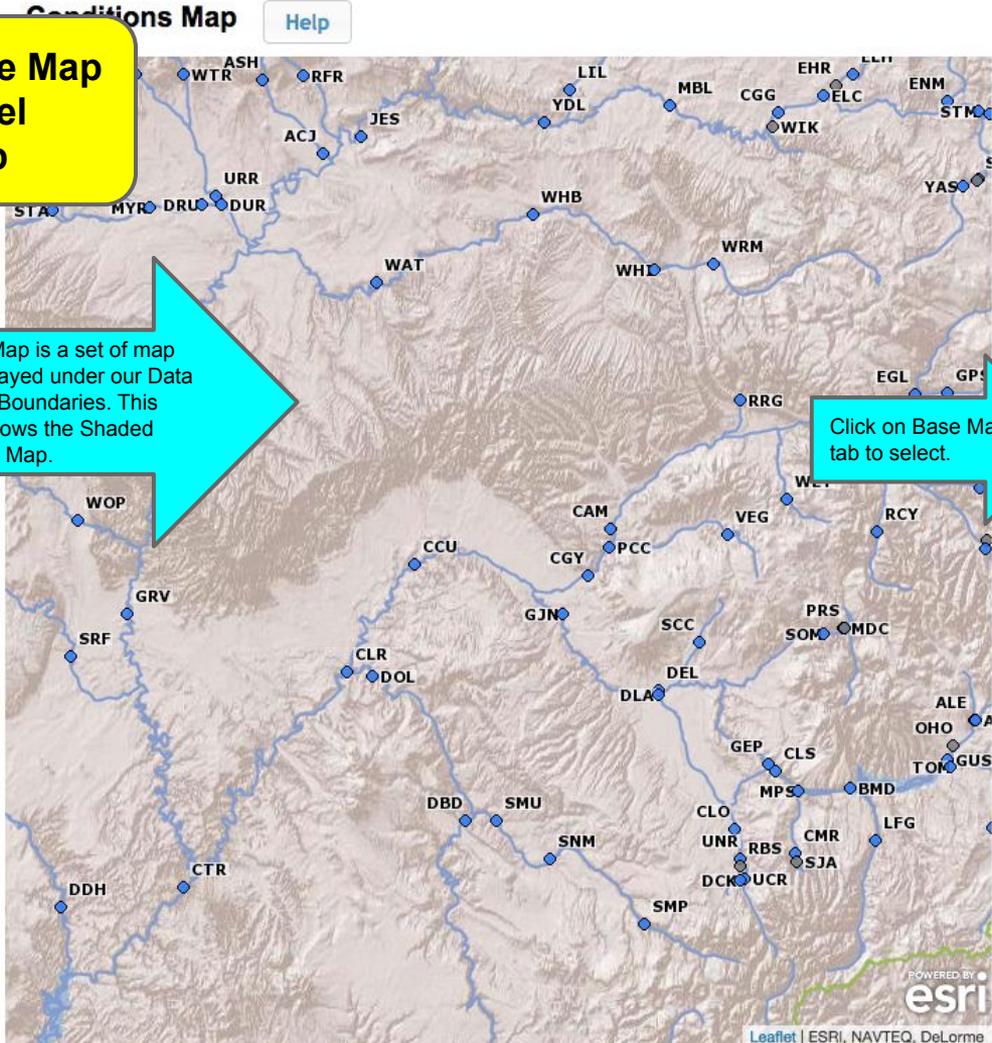
▶ Map Options

# Base Map Panel Help

The Base Map is a set of map layers displayed under our Data Points and Boundaries. This example shows the Shaded Relief Base Map.

Click on Base Map tab to select.

Choose Base Map from this list. Zoom in/out will display different features of the selected Base Map.



- ▶ River Conditions
- ▶ Snow Conditions
- ▶ Water Supply Forecasts
- ▶ Peak Flood Probability
- ▶ Reservoir Conditions
- ▶ Weather Conditions
- ▼ Map Options
  - Base Map
  - Boundaries
  - Zoom Areas
- ▶ Search Points

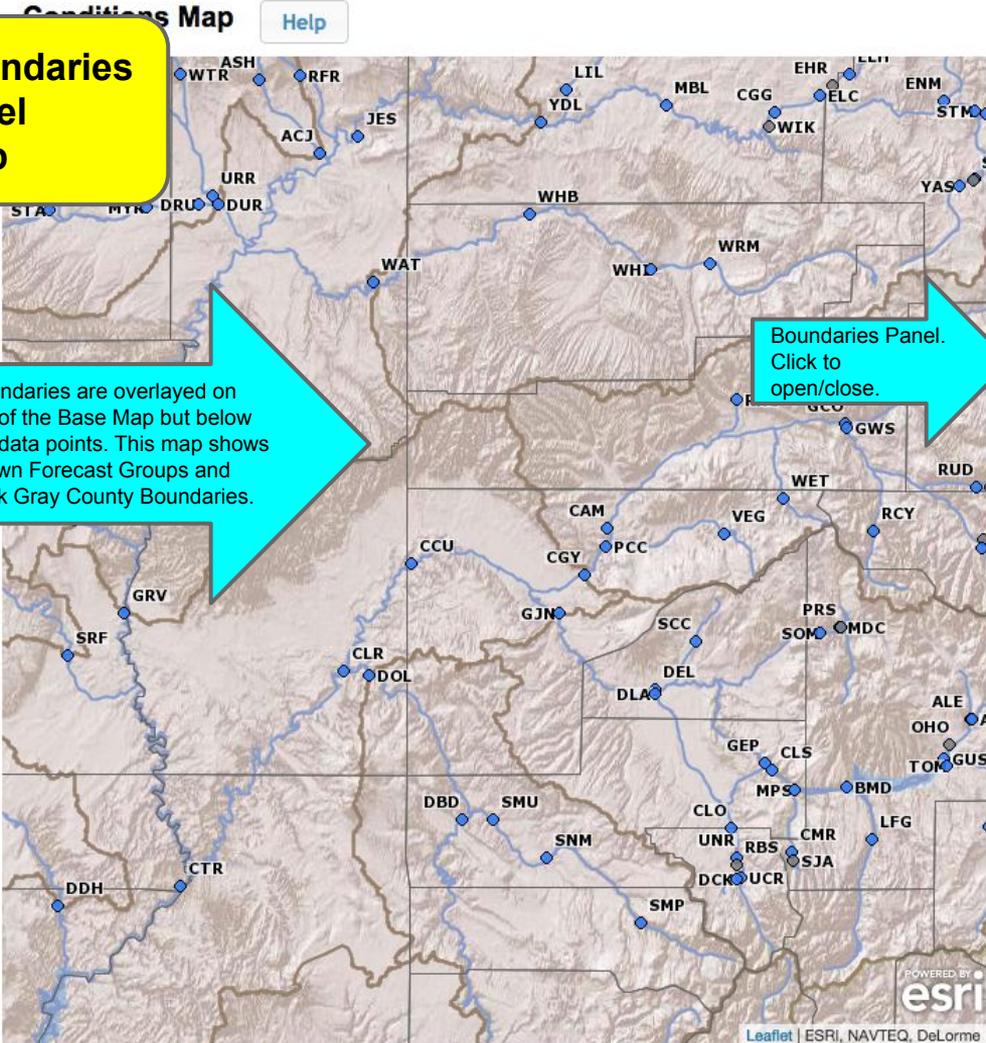
- Topographic
- Gray
- Dark Gray
- Imagery
- Shaded Relief
- Streets

# Boundaries Panel Help

Boundaries are overlaid on top of the Base Map but below the data points. This map shows Brown Forecast Groups and Dark Gray County Boundaries.

Boundaries Panel. Click to open/close.

Choose which boundary layers are displayed with these checkboxes. Click on and off to help identify layer.



- ▶ River Conditions
- ▶ Snow Conditions
- ▶ Water Supply Forecasts
- ▶ Peak Flood Probability
- ▶ Reservoir Conditions
- ▶ Weather Conditions
- ▼ Map Options

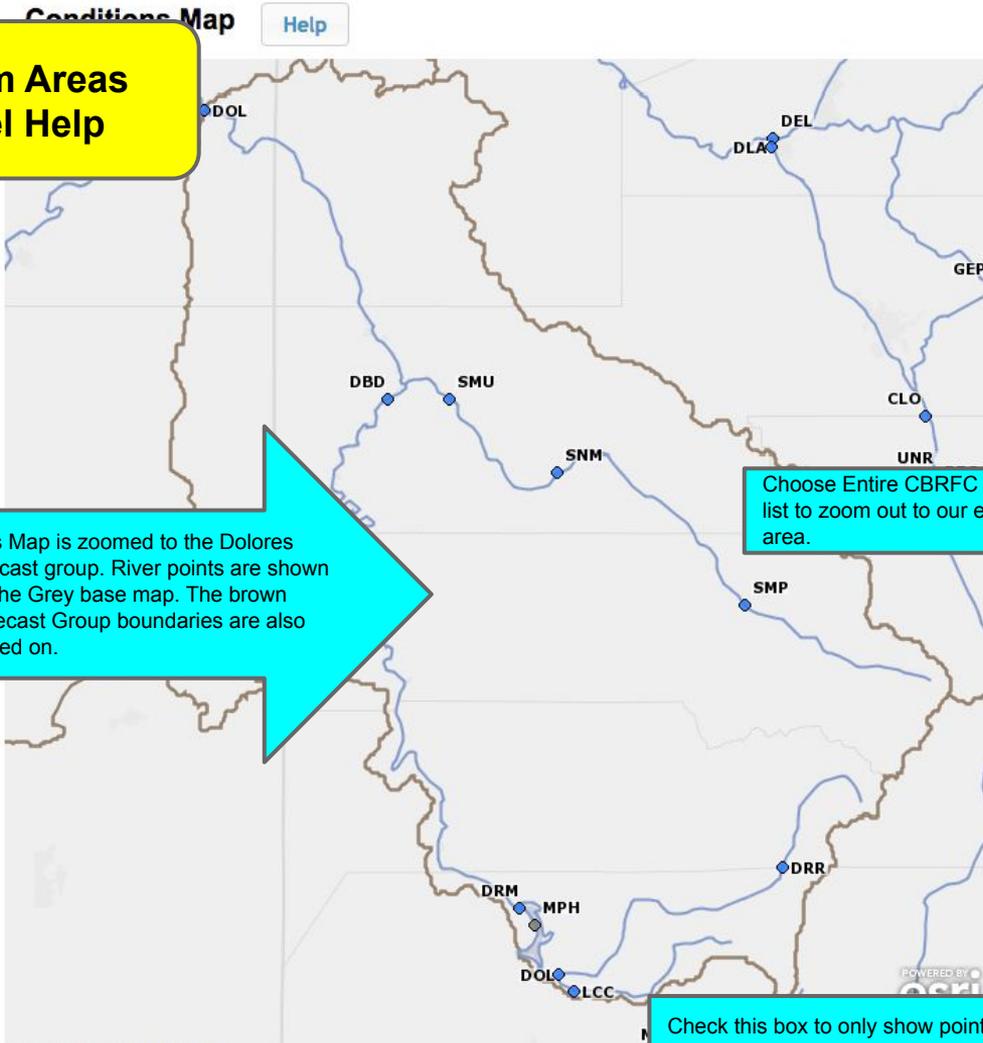
Base Map | **Boundaries** | Zoom Areas

Help

- Rivers
- RFC Boundary
- Forecast Group
- Basin
- County
- County Warning Area
- Hydrologic Service Area

- ▶ Search Points

# Zoom Areas Panel Help



- ▶ River Conditions
- ▶ Snow Conditions
- ▶ Water Supply Forecasts
- ▶ Peak Flood Probability
- ▶ Reservoir Conditions
- ▶ Weather Conditions
- ▼ Map Options

This Map is zoomed to the Dolores forecast group. River points are shown on the Grey base map. The brown Forecast Group boundaries are also turned on.

Choose Entire CBRFC from list to zoom out to our entire area.

Click on Zoom Areas tab to open.

- Base Map
- Boundaries
- Zoom Areas**

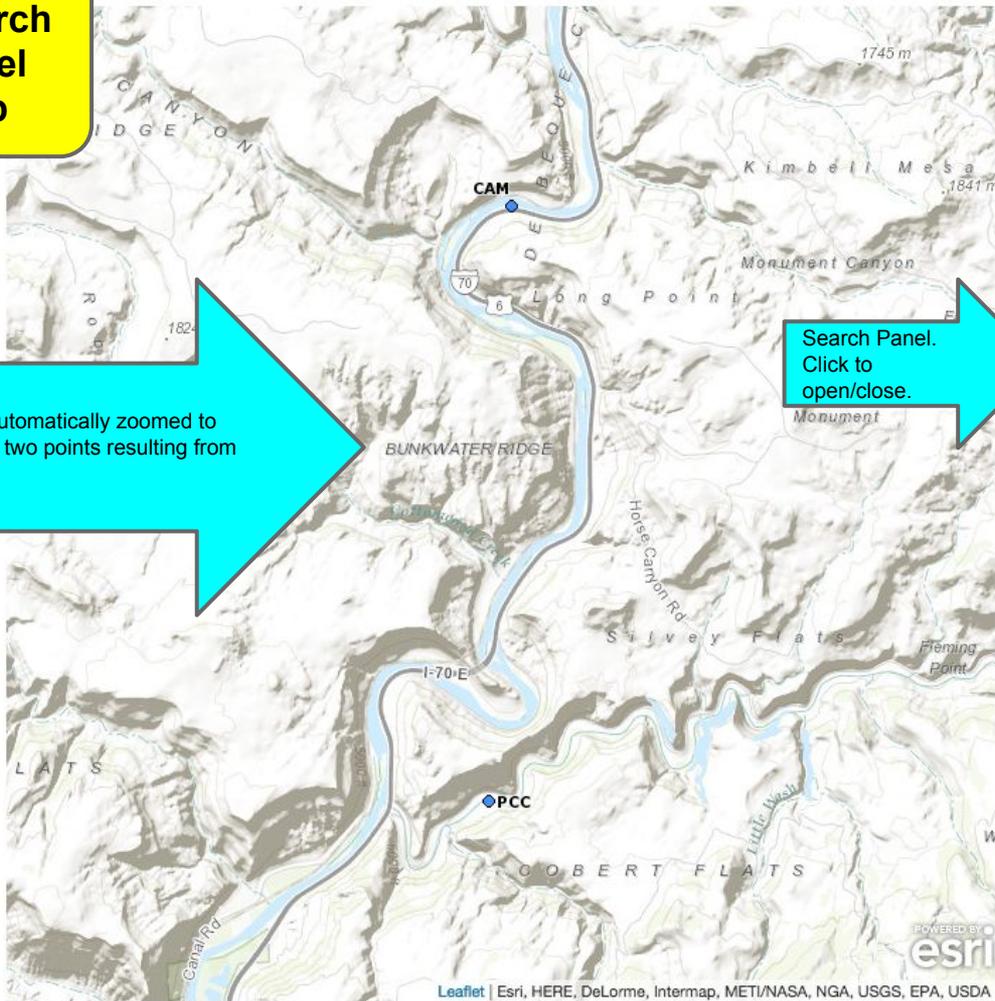
- Entire CBRFC
- Upper Colorado**
  - Col abv Kremmling
  - Eagle-Roaring Fork
  - Gunnison
  - Dolores
  - Lake Powell
- Green**
  - Upper Green
  - White-Yampa
  - Duchesne-Price
  - San Rafael-Dirty Devil
- San Juan**
  - San Juan
- Great**
  - Bear
  - Weber
  - Six Creeks-Jordan
  - Provo-Utah Lake
  - Salt Lake
- Sevier**
  - Sevier

Choose an Area to zoom to from the list. They are grouped by river basin (in bold). Scroll the list to see more choices.

Check this box to only show points in the selected area. A list of point is available in the search panel.

Display Only Points in Area  
*(List in Search Panel)*

Search Panel Help



The map automatically zoomed to include the two points resulting from the search.

Search Panel. Click to open/close.

- ▶ River Conditions
- ▶ Snow Conditions
- ▶ Water Supply Forecasts
- ▶ Peak Flood Probability
- ▶ Reservoir Conditions
- ▶ Weather Conditions
- ▶ Map Options
- ▼ Search Points

cameo  
Search Points

- cameo  
(2 River Points Found)
- ◆ CAM: Colorado , Cameo, Nr
  - ◆ PCC: Plateau Ck , Cameo, Nr

Type search terms in the box and click Search Points button.

List of points found in search. Only point types currently showing on map will be searched.