# Part 1. Become an Expert on your Topic

* Explore the data provided for your assigned topic \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Locate Grand Junction, CO on the map.
* What variables are plotted? What are the units of measure?
* What is the time period being plotted?
* What do the graphics tell you about recent meteorological conditions? Has it been dry or wet in the Upper Colorado River basin within the state of Colorado?
* Based on the data be able to discuss whether or not you think there is concern regarding potential drought or flooding.

# Part 2. Planning Meeting – Are we in a drought or at risk of floods?

1. How does precipitation in the last month and for the water year compare to average for the upper Colorado River basin above Grand Junction, CO? For whole upper Colorado River Basin?
2. How does the current snowpack compare to average for the upper Colorado River basin?
3. How does the current soil moisture compare to average for the Upper Colorado River basin?
4. How have recent temperatures compared to average? How do recent temperatures relate to potential for drought?
5. How full are critical reservoirs? Which reservoirs are of greatest concern?
6. Discuss the current and recent streamflow situation.
7. Discuss whether or not Grand Junction, CO should begin planning for drought (water shortages) or possible flooding.