

Invitation

“People are afraid now every time they hear of a fast snow melt...they know the shape that the river is in right now and if we don't get that thing dredged out, we could have a worse problem,”

- Douglas Homestead, a resident of the Walker area since 1965

What do you think could cause a fast snow melt? What problems might a fast snow melt cause?

Watershed Models

Draw or write descriptions of how the watershed looks after each event.

No rain	Cold rain	Warm rain

Chronology of Historical Floods

Read the Chronology of Historical Floods section of the Flooding in the Desert: Walker River story map and choose 3 historical floods to analyze and record the cause and effect of that flood.

Date of Event	Cause What caused there to be flooding?	Effect What effect or damage did the flooding cause?

What do you notice about these floods? What do the flood events have in common? How does this relate to your observations from the rain events on the watershed model?

Flood Risk Solutions

Write or draw a description of your watershed after testing out your solution.

How does your watershed with your solution compare to the watershed after a warm rain event without your design? How effective was your design at preventing flooding in the watershed? What improvements would you make to your design?
