

Truckee Canal Interim Operations

March 20, 2008

150 cubic feet per second (cfs)

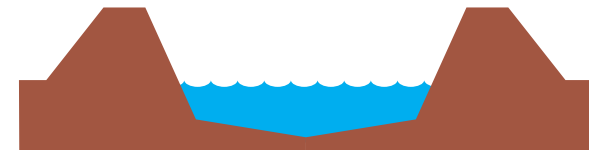
Flow may resume at the 150 cfs unchecked depth, about 4-5 feet. The water will be below the ground level surrounding the canal for much of its length, preventing the risk of embankment failure in those areas. Where the water is above ground level, the depth is minimal so the water could be more easily controlled by the check structures and side canals in the event of an emergency.



150 cfs, 4-5 ft. deep, 8-9 ft. freeboard*

250 cfs

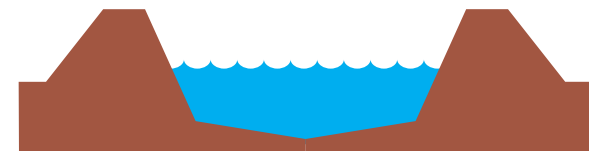
Prior to increasing the depth of flow to a 350 cfs unchecked depth, there will be a temporary, partial increase to 250 cfs, about 5-6 feet deep. During this period of time, the canal will be reevaluated for structural integrity, and a variety of preventative maintenance will be completed on the embankments.



250 cfs, 5-6 ft. deep, 7-8 ft. freeboard*

350 cfs

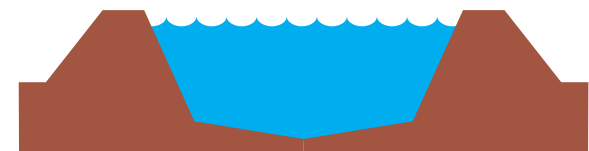
After specific safety measures are in place, including improved monitoring, flow may increase to the 350 cfs unchecked depth, about 6-7 feet deep. The flow will still be below the surrounding ground level for much of the canal's length. Improved operating procedures, emergency plans, and an aggressive maintenance plan will have been implemented.



350 cfs, 6-7 ft. deep, 6-7 ft. freeboard*

750 cfs

After full structural modifications are made to the embankments, flow may resume to the 750 cfs unchecked depth. This represents the maximum normal operating depth in the canal, usually 8 feet deep or greater. The structural modifications will prevent embankment failure, allowing the canal to return to normal operations without restriction. It is expected this will take several years to complete.



750 cfs, 8 ft. deep, 2-5 ft. freeboard*

*Average embankment height of 13 feet. "Freeboard" is the space available above the water line in the canal.

Flow is normally measured as the number of cubic feet of water passing a given location every second. This measurement unit is known as "cubic feet per second" or "cfs". One cfs is equal to about 7.48 gallons per second.

Unchecked Flow: Five concrete "check structures" on the canal have openings for water to flow through. When the openings are closed ("checked"), the water upstream of the check structure rises to higher levels ("ponds"). Checking is done to increase the water depth so that water can be released into smaller lateral side canals. When gates are open (unchecked), the water doesn't pond and so remains at lower depths. When the gates are closed (checked), the water flow may be lowered to keep the water at the same depth it would have been when the gates are open (unchecked). Under the restrictions outlined above, "checking" would only be allowed in conjunction with reduced flow so that the depth of the water in the canal may be kept the same as if the canal were unchecked.

The depths and flow rates described above are general approximations of the actual depths and flows that may occur. Due to changing ground levels and conditions along the length of the Truckee Canal, the depths and dimensions shown above may vary by several feet in different locations. The actual flowrate in the canal can be expected to be slightly higher or lower than the flowrate listed at different times due to normal variations in canal operation.