

Soldier Creek Dam



Type	Zoned Earthfill
Volume.....	3,206,000 cubic yards
Maximum Height.....	272 feet
Height Above Stream Bed	251 feet
Crest Length.....	1,290 feet
Crest Width.....	30 feet
Crest Elevation.....	7,612 feet
Peak Reservoir Elev. (6/24/98).....	7,602.47 feet
Spillway Type.....	No Spillway
Upper Outlet Works Capacity.....	1,370 cfs
Lower Outlet Works Capacity	1,470 cfs
Upper Outlet Works Intake Structure	
5' X 6' Gate Upper Level	7,520 to 7,538 feet
Conservation Outlet Works Intake Structures	
Upper (Hollow Jet)	7,533 feet
Lower (Hollow Jet) center of pipe	7,510 feet
Lower Outlet Works Intake Structures	
4' X 5' Gate Lower Level.....	7,388 to 7,406 feet
Jet Flow.....	7,388 to 7,406 feet
Top of Active Storage Elevation.....	7,602.4 feet
Reservoir Capacity.....	1,106,500 AF
Surface Area	17,164 acres
Bottom of Active Storage Elevation	7,525 feet
Reservoir Capacity.....	154,550 AF
Surface Area	6,770 acres
Top of Dead Storage Elevation.....	7,388 feet
Construction Costs.....	\$27,476,221
Construction Period	1970 – 1973
Right Tunnel Completed.....	1985
Right Tunnel Construction Costs.....	\$1,837,739
Water Course	Strawberry River
Equalization of Strawberry and Soldier	
Creek Reservoirs.....	5 Feb 1985 – 12 Mar 1985
Initial Filling	Sep 73 – 24 Jun 98