

# Jordanelle Dam



Type .....	Zoned Earthfill
Volume.....	14,500,000 cubic yards
Maximum Height .....	391 feet
Height Above Stream Bed .....	299 feet
Maximum Base Width .....	1,000 feet
Crest Length.....	3,700 feet
Crest Width .....	40 feet
Crest Elevation.....	6,185 feet
Spillway Type .....	Earth and Concrete-Lined Channel with Fuse Plug Embankment
Spillway Crest Length .....	35/24.5 feet top/bottom
Spillway Capacity .....	5,510 cfs
Spillway Crest Elevation (fuse plug) .....	6,182 feet
Reservoir Capacity.....	363,354 AF <sup>1</sup>
Surface Area.....	3,300 acres
Top of Active Storage Elevation .....	6,166.4 feet
Reservoir Capacity.....	314,006 AF
Surface Area.....	3,024 acres
Bottom of Active Storage Elevation .....	5,902 feet
Reservoir Capacity.....	3,026 AF
Surface Area.....	80 acres
Outlet Works Capacity (max) .....	3,800 cfs
Outlet Works Capacity (normal).....	2,300 cfs
Construction Costs .....	\$114 million for dam
Construction Costs .....	\$126 million for highways
Construction Period .....	6/87 - 4/93
Water Course .....	Provo River
Initial Filling .....	1993 – 1996

<sup>1</sup>Includes dedicated flood storage space of 49,348 AF