

Isabella Lake and Dam's

Construction:

Started: 1948

Completed: 1953

Gross Pool: 570,000 AL-FT

Elevation at Gross Pool: 2605.5 FT

Area at Gross Pool: 11,400 Acres

Highest: July 5, 1983 630,825 AL-FT

Lowest: December 17, 1961 17,448 AL-FT

Main Dam

Length: 1,700 FT

Height: 185 FT

Crest: 20 FT

3,000,000 Cubic yards of fill

Conduit 895 FT Long

Conduit 14.9 FT Dia

*There are 3 service gates and 3 emergency gates. They are 5'8" wide x 10' high. These gates release 11,400 cfs.

Auxiliary Dam

Length: 3,257 FT

Height: 100 FT

Crest: 20 FT

1,700,000 Cubic yards of fill

Conduit 518 FT Long

*There are 4 gates and they all stand at 5'8" wide x 10' high. These gates can release 605 cfs.

Spillway

Length: 140 FT

Height: 21.5 FT

*This releases 52,700 cfs.