History Notes

The Midlands Dam site was chosen at the beginning of the twentieth century to create a reservoir. Works started in 1926 but were stopped in 1931 due to scarcity of funds.

Due to an increase in water requirement, the Government commissioned a study in 1991 with a view to finding an optimal solution to meet the water demand of the northern districts of Mauritius. The dam was finally constructed in December 2002 on Grand River South East near Midlands Village.

Salient features of Midlands Dam

Location : Midlands in the district of Moka, on Grand River South East
Year of Construction : December 2002
Catchment Area : 17.2 km²
Mean Annual Rainfall : 4000 mm
Feeders : GRSE, River Twinam
Regulated Annual Yield : 41 Mm³
Reservoir Capacity : 25.5 Mm³
Full Reservoir Level : 395.00 m (amsl)
Maximum Reservoir Level : 398.24 m (amsl)
Dam Crest Level : 399.00 m (amsl)
Type of Dam : Rockfill with upstream asphalt concrete surface sealing and cutoff wall
Maximum height : 19.5 m above ground level
                     30.0 m above foundation level
Length of Dam : 2449 m including spillway
Type of Spillway : Ungated concrete ogee shaped spillway
Height of Spillway above foundation : 30 m
Purpose : Potable and Irrigation Water Supply
Fig. 5.7 Daily Storage Variation for Midlands