

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.

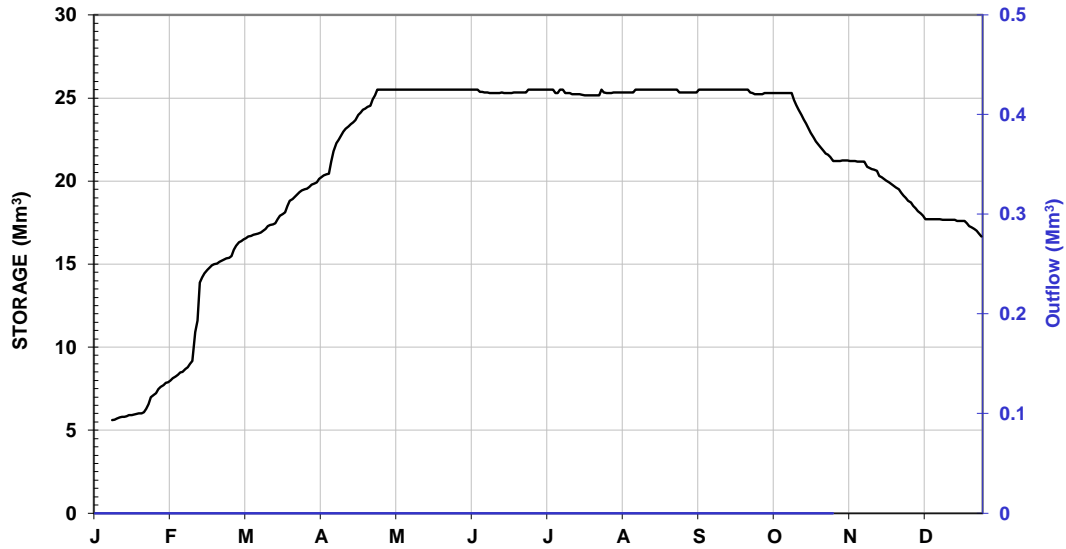
Salient features of Midlands Dam

<i>Location</i>	: Midlands in the district of Moka, on Grand River South East
<i>Year of Construction</i>	: December 2002
<i>Catchment Area</i>	: 17.2 km ²
<i>Mean Annual Rainfall</i>	: 4000 mm
<i>Feeders</i>	: GRSE, River Twinam
<i>Regulated Annual Yield</i>	: 41 Mm ³
<i>Reservoir Capacity</i>	: 25.5 Mm ³
<i>Full Reservoir Level</i>	: 395.00 m (amsl)
<i>Maximum Reservoir Level</i>	: 398.24 m (amsl)
<i>Dam Crest Level</i>	: 399.00 m (amsl)
<i>Type of Dam</i>	: Rockfill with upstream asphalt concrete surface sealing and cutoff wall
<i>Maximum height</i>	: 19.5 m above ground level 30.0 m above foundation level
<i>Length of Dam</i>	: 2449 m including spillway
<i>Type of Spillway</i>	: Ungated concrete ogee shaped spillway
<i>Height of Spillway above foundation</i>	: 30 m
<i>Purpose</i>	: Potable and Irrigation Water Supply

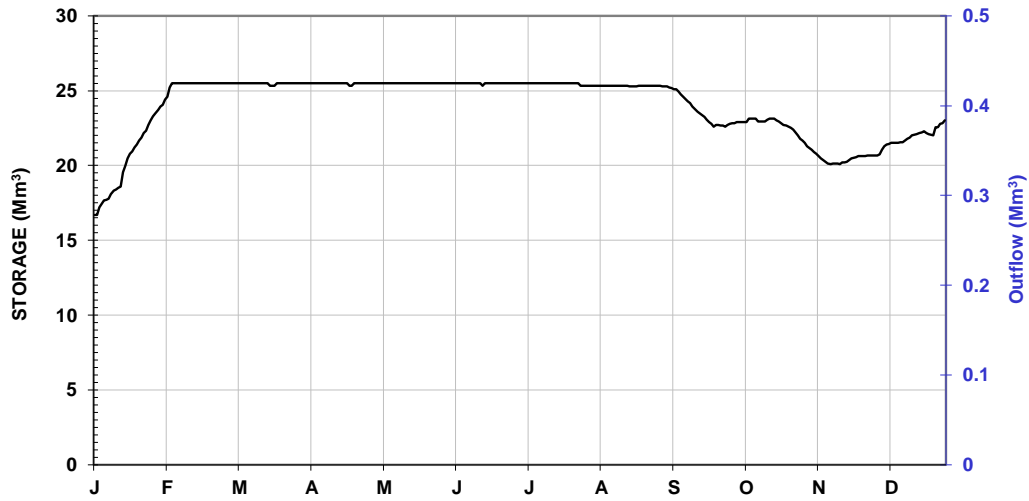
MIDLANDS RESERVOIR

DAILY STORAGE VARIATION

YEAR : 2003



YEAR : 2004



YEAR : 2005

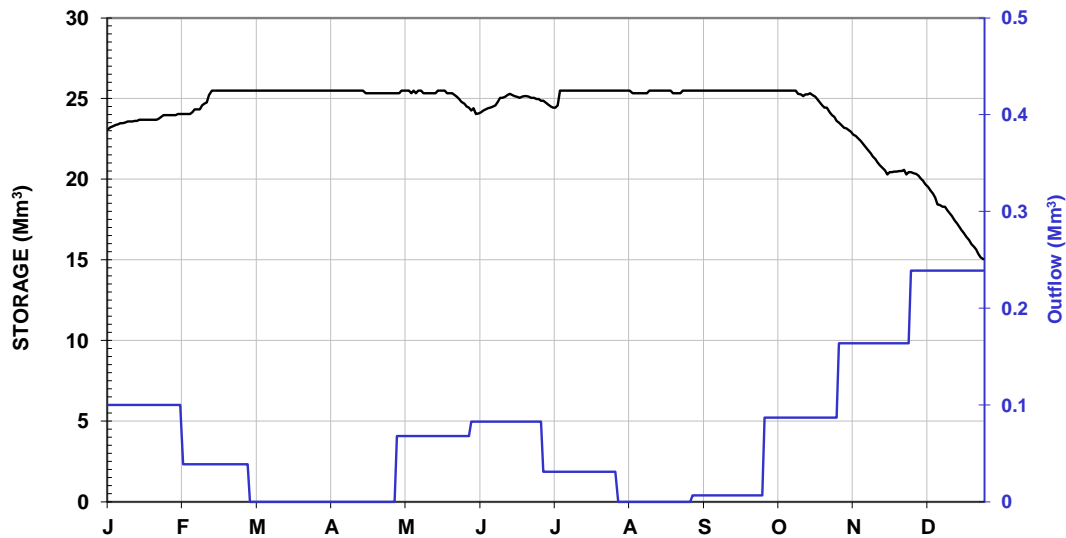


Fig. 5.7 Daily Storage Variation for Midlands