Salient features of La Ferme Reservoir

Location : Near Bambous village in the Black River district about 15 kms South West of Port Louis.

Year of Construction : 1914

Catchment Area : 19.61 km$^2$

Mean Annual Rainfall : 1380 mm

Feeders : (i) Trianon Grosses Roches Feeder Canal.
          (ii) La Fenêtre Feeder Canal

Annual Regulated Yield : 17 Mm$^3$

Reservoir Capacity : 11.52 Mm$^3$ after hydrographic survey of 1996

Dead Storage : 0.2 Mm$^3$

Full Reservoir Level : 146.0 m (amsl)

Type of Dam : Earth cum masonry

Maximum height of dam : (i) above ground level
                        - Earth dam = 8 m
                        Masonry dam = 8.62 m
                        (ii) above foundation level
                              - Earth dam = 10 m
                              Masonry dam = 12.1 m

Length of Dam : 1526.54 m

Type of spillway : Ungated masonry with concrete hearting

Width of Spillway : 145.26 m

Purpose : Irrigation
Fig. 5.5 Daily and Normal Storage Variation for La Ferme