

Massanjore Dam

Location	24.1072° N, 87.3086° E
State	West Bengal
Nearest City	Suri
Year of Completion	1955
Operated and Maintained by	West Bengal Water Resources Department
River Basin	Ganga
River	Mayurakshi.
Dam Type	Other
Height above lowest foundation level	47.3 m
Dam length	661.6 m
Reservoir Area	69920000.0 m ²
Gross storage capacity	617000000.0 m ³
Effective storage capacity	549130000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	1878.5 km ²
Perimeter of catchment	228.7 km
Basin Length	71640.0 m
Form factor	0.36602
Circularity ratio	0.45149
Elongation ratio	0.68243
Highest Stream order	8
Max elevation	668.0 m
Min elevation	88.0 m
Mean bifurcation ratio	2.1999
Stream frequency	75.7650 per km ²
Relief	580.00 m
Drainage density	10.2420 km/km ²
Length of overland flow	48.817 m

CATCHMENT CLIMATOLOGY

