

Bara Mandira Dam

Location	23.8329° N, 86.9544° E
State	West Bengal
Nearest City	Burdwan
Year of Completion	1977
Operated and Maintained by	West Bengal Water Resources Department
River Basin	Ganga
River	Baramandira.
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.0 m
Dam length	853.0 m
Reservoir Area	243000.0 m ²
Gross storage capacity	1419000.0 m ³
Effective storage capacity	1219000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.4 km ²
Perimeter of catchment	8.6 km
Basin Length	2331.8 m
Form factor	0.80363
Circularity ratio	0.75086
Elongation ratio	1.01120
Highest Stream order	4
Max elevation	171.0 m
Min elevation	128.0 m
Mean bifurcation ratio	4.4775
Stream frequency	80.5540 per km ²
Relief	43.00 m
Drainage density	10.7760 km/km ²
Length of overland flow	46.400 m

CATCHMENT CLIMATOLOGY

