

Bhaijiya Dam

Location	23.6311° N, 80.5625° E
State	Madhya Pradesh
Nearest City	Murwara
Year of Completion	1987
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.9 m
Dam length	630.0 m
Reservoir Area	51618.0 m ²
Gross storage capacity	626000.0 m ³
Effective storage capacity	568000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.7 km ²
Perimeter of catchment	7.7 km
Basin Length	2510.0 m
Form factor	0.42300
Circularity ratio	0.56718
Elongation ratio	0.73363
Highest Stream order	4
Max elevation	490.0 m
Min elevation	436.0 m
Mean bifurcation ratio	2.4770
Stream frequency	68.2980 per km ²
Relief	54.00 m
Drainage density	8.0790 km/km ²
Length of overland flow	61.893 m

CATCHMENT CLIMATOLOGY

