

Gorkha Bandha Dam

Location	23.8553° N, 80.1933° E
State	Madhya Pradesh
Nearest City	Katni
Year of Completion	1912
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.7 m
Dam length	1280.0 m
Reservoir Area	105430.0 m ²
Gross storage capacity	1250000.0 m ³
Effective storage capacity	1052000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	6.4 km ²
Perimeter of catchment	10.2 km
Basin Length	3625.1 m
Form factor	0.48406
Circularity ratio	0.76942
Elongation ratio	0.78480
Highest Stream order	5
Max elevation	613.0 m
Min elevation	424.0 m
Mean bifurcation ratio	3.2670
Stream frequency	87.0930 per km ²
Relief	189.00 m
Drainage density	12.1650 km/km ²
Length of overland flow	41.101 m

CATCHMENT CLIMATOLOGY

