

Bagha Nalla Dam

Location	24.6419° N, 79.4611° E
State	Madhya Pradesh
Nearest City	Chhatarpur
Year of Completion	1975
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.8 m
Dam length	1220.0 m
Reservoir Area	971000.0 m ²
Gross storage capacity	2323000.0 m ³
Effective storage capacity	2150000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	9.9 km ²
Perimeter of catchment	17.1 km
Basin Length	5616.0 m
Form factor	0.31263
Circularity ratio	0.42419
Elongation ratio	0.63070
Highest Stream order	5
Max elevation	511.0 m
Min elevation	343.0 m
Mean bifurcation ratio	2.1583
Stream frequency	75.2530 per km ²
Relief	168.00 m
Drainage density	9.5300 km/km ²
Length of overland flow	52.464 m

CATCHMENT CLIMATOLOGY

