

Bagadih Dam

Location	24.2275° N, 82.3367° E
State	Madhya Pradesh
Nearest City	Devsar
Year of Completion	Not Available
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.6 m
Dam length	330.0 m
Reservoir Area	112000.0 m ²
Gross storage capacity	2005000.0 m ³
Effective storage capacity	1766000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.0 km ²
Perimeter of catchment	6.3 km
Basin Length	2352.4 m
Form factor	0.36061
Circularity ratio	0.63118
Elongation ratio	0.67737
Highest Stream order	4
Max elevation	518.0 m
Min elevation	383.0 m
Mean bifurcation ratio	2.3423
Stream frequency	81.1800 per km ²
Relief	135.00 m
Drainage density	11.0040 km/km ²
Length of overland flow	45.437 m

CATCHMENT CLIMATOLOGY

