

Balua Dam

Location	24.0533° N, 82.4739° E
State	Madhya Pradesh
Nearest City	Sidhi
Year of Completion	1983
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	19.0 m
Dam length	780.0 m
Reservoir Area	235000.0 m ²
Gross storage capacity	1190000.0 m ³
Effective storage capacity	1081000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5.8 km ²
Perimeter of catchment	10.9 km
Basin Length	3123.4 m
Form factor	0.59284
Circularity ratio	0.60763
Elongation ratio	0.86852
Highest Stream order	5
Max elevation	517.0 m
Min elevation	332.0 m
Mean bifurcation ratio	3.6928
Stream frequency	78.3260 per km ²
Relief	185.00 m
Drainage density	10.1350 km/km ²
Length of overland flow	49.332 m

CATCHMENT CLIMATOLOGY

