

Baliya Dam

Location	24.0869° N, 82.5025° E
State	Madhya Pradesh
Nearest City	Singrauli
Year of Completion	1986
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.0 m
Dam length	640.0 m
Reservoir Area	1022000.0 m ²
Gross storage capacity	2554000.0 m ³
Effective storage capacity	2330000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	9.1 km ²
Perimeter of catchment	13.0 km
Basin Length	3899.4 m
Form factor	0.59984
Circularity ratio	0.67371
Elongation ratio	0.87363
Highest Stream order	5
Max elevation	526.0 m
Min elevation	319.0 m
Mean bifurcation ratio	4.6270
Stream frequency	79.9280 per km ²
Relief	207.00 m
Drainage density	10.5400 km/km ²
Length of overland flow	47.440 m

CATCHMENT CLIMATOLOGY

