

Balasamund Dam

Location	21.8039° N, 75.1703° E
State	Madhya Pradesh
Nearest City	Barwani
Year of Completion	1983
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.4 m
Dam length	360.0 m
Reservoir Area	492000.0 m ²
Gross storage capacity	1412000.0 m ³
Effective storage capacity	1112000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.1 km ²
Perimeter of catchment	9.1 km
Basin Length	3569.8 m
Form factor	0.24301
Circularity ratio	0.47195
Elongation ratio	0.55606
Highest Stream order	4
Max elevation	360.0 m
Min elevation	304.0 m
Mean bifurcation ratio	2.3014
Stream frequency	73.9480 per km ²
Relief	56.00 m
Drainage density	9.4670 km/km ²
Length of overland flow	52.814 m

CATCHMENT CLIMATOLOGY

