

Shivlaldhana Dam

Location	22.9689° N, 79.9756° E
State	Madhya Pradesh
Nearest City	Sambalpur
Year of Completion	2003
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.6 m
Dam length	233.0 m
Reservoir Area	269000.0 m ²
Gross storage capacity	1280000.0 m ³
Effective storage capacity	1170000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	16.2 km ²
Perimeter of catchment	21.1 km
Basin Length	7587.1 m
Form factor	0.28225
Circularity ratio	0.46091
Elongation ratio	0.59927
Highest Stream order	5
Max elevation	543.0 m
Min elevation	401.0 m
Mean bifurcation ratio	2.5342
Stream frequency	80.2590 per km ²
Relief	142.00 m
Drainage density	11.1570 km/km ²
Length of overland flow	44.815 m

CATCHMENT CLIMATOLOGY

