

Shivgarth Bedli Dam

Location	23.3478° N, 74.8758° E
State	Madhya Pradesh
Nearest City	Silana
Year of Completion	1958
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Mahi
River	Karan
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.9 m
Dam length	492.5 m
Reservoir Area	740000.0 m ²
Gross storage capacity	4323000.0 m ³
Effective storage capacity	4085000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	10.6 km ²
Perimeter of catchment	14.8 km
Basin Length	4908.4 m
Form factor	0.44112
Circularity ratio	0.60953
Elongation ratio	0.74918
Highest Stream order	5
Max elevation	591.0 m
Min elevation	413.0 m
Mean bifurcation ratio	2.4228
Stream frequency	75.4630 per km ²
Relief	178.00 m
Drainage density	9.8340 km/km ²
Length of overland flow	50.842 m

CATCHMENT CLIMATOLOGY

