

Silkheda Dam

Location	23.5614° N, 77.2500° E
State	Madhya Pradesh
Nearest City	Sehore
Year of Completion	1985
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.3 m
Dam length	870.0 m
Reservoir Area	233000.0 m ²
Gross storage capacity	3070000.0 m ³
Effective storage capacity	2830000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	10.2 km ²
Perimeter of catchment	15.4 km
Basin Length	6467.7 m
Form factor	0.24348
Circularity ratio	0.53644
Elongation ratio	0.55659
Highest Stream order	5
Max elevation	507.0 m
Min elevation	459.0 m
Mean bifurcation ratio	2.1418
Stream frequency	76.4860 per km ²
Relief	48.00 m
Drainage density	10.2810 km/km ²
Length of overland flow	48.633 m

CATCHMENT CLIMATOLOGY

