

## Sher Dam

Location	24.1642° N, 81.8200° E
State	Madhya Pradesh
Nearest City	Sidhi
Year of Completion	1979
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.0 m
Dam length	180.0 m
Reservoir Area	506000.0 m <sup>2</sup>
Gross storage capacity	3270000.0 m <sup>3</sup>
Effective storage capacity	2997000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	9.1 km <sup>2</sup>
Perimeter of catchment	13.6 km
Basin Length	4628.0 m
Form factor	0.42398
Circularity ratio	0.61742
Elongation ratio	0.73448
Highest Stream order	4
Max elevation	520.0 m
Min elevation	357.0 m
Mean bifurcation ratio	2.4291
Stream frequency	74.2220 per km <sup>2</sup>
Relief	163.00 m
Drainage density	9.6040 km/km <sup>2</sup>
Length of overland flow	52.061 m

## CATCHMENT CLIMATOLOGY

