

## Sidoli Dam

Location	23.1872° N, 81.7131° E
State	Madhya Pradesh
Nearest City	Shahdol
Year of Completion	1980
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.0 m
Dam length	930.0 m
Reservoir Area	450000.0 m <sup>2</sup>
Gross storage capacity	4825000.0 m <sup>3</sup>
Effective storage capacity	3377500.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.1 km <sup>2</sup>
Perimeter of catchment	6.3 km
Basin Length	1646.5 m
Form factor	0.77225
Circularity ratio	0.65379
Elongation ratio	0.99126
Highest Stream order	3
Max elevation	631.0 m
Min elevation	477.0 m
Mean bifurcation ratio	2.6923
Stream frequency	79.2880 per km <sup>2</sup>
Relief	154.00 m
Drainage density	10.0690 km/km <sup>2</sup>
Length of overland flow	49.657 m

## CATCHMENT CLIMATOLOGY

