

## Karjuni Dam

Location	22.6406° N, 75.0428° E
State	Madhya Pradesh
Nearest City	Sardar Pur
Year of Completion	1983
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Mahi
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.2 m
Dam length	1026.0 m
Reservoir Area	693000.0 m <sup>2</sup>
Gross storage capacity	1840000.0 m <sup>3</sup>
Effective storage capacity	1692000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	18.6 km <sup>2</sup>
Perimeter of catchment	20.2 km
Basin Length	6983.3 m
Form factor	0.38177
Circularity ratio	0.57586
Elongation ratio	0.69697
Highest Stream order	5
Max elevation	572.0 m
Min elevation	519.0 m
Mean bifurcation ratio	2.3910
Stream frequency	74.2300 per km <sup>2</sup>
Relief	53.00 m
Drainage density	9.7550 km/km <sup>2</sup>
Length of overland flow	51.255 m

## CATCHMENT CLIMATOLOGY

