

## Kanhasagar Dam

Location	21.8592° N, 79.1839° E
State	Madhya Pradesh
Nearest City	Amarwara
Year of Completion	2002
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Godavari
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	19.8 m
Dam length	540.0 m
Reservoir Area	301746.0 m <sup>2</sup>
Gross storage capacity	1710000.0 m <sup>3</sup>
Effective storage capacity	m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.9 km <sup>2</sup>
Perimeter of catchment	7.7 km
Basin Length	2287.0 m
Form factor	0.73880
Circularity ratio	0.82445
Elongation ratio	0.96955
Highest Stream order	5
Max elevation	630.0 m
Min elevation	570.0 m
Mean bifurcation ratio	2.7161
Stream frequency	80.2250 per km <sup>2</sup>
Relief	60.00 m
Drainage density	11.0560 km/km <sup>2</sup>
Length of overland flow	45.223 m

## CATCHMENT CLIMATOLOGY

