

## Kosania Dam

Location	22.0586° N, 74.2372° E
State	Madhya Pradesh
Nearest City	Alirajpur
Year of Completion	1977
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	20.0 m
Dam length	293.0 m
Reservoir Area	214000.0 m <sup>2</sup>
Gross storage capacity	1208000.0 m <sup>3</sup>
Effective storage capacity	1048000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	7.4 km <sup>2</sup>
Perimeter of catchment	15.8 km
Basin Length	5292.5 m
Form factor	0.26408
Circularity ratio	0.37085
Elongation ratio	0.57966
Highest Stream order	5
Max elevation	683.0 m
Min elevation	367.0 m
Mean bifurcation ratio	2.4087
Stream frequency	78.5480 per km <sup>2</sup>
Relief	316.00 m
Drainage density	10.6190 km/km <sup>2</sup>
Length of overland flow	47.087 m

## CATCHMENT CLIMATOLOGY

