

## Kotalyakhedi Dam

Location	22.0469° N, 76.1931° E
State	Madhya Pradesh
Nearest City	Barwaha
Year of Completion	1990
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.1 m
Dam length	1530.0 m
Reservoir Area	338000.0 m <sup>2</sup>
Gross storage capacity	1429000.0 m <sup>3</sup>
Effective storage capacity	1094000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	25.0 km <sup>2</sup>
Perimeter of catchment	24.7 km
Basin Length	7875.9 m
Form factor	0.40378
Circularity ratio	0.51455
Elongation ratio	0.71677
Highest Stream order	6
Max elevation	306.0 m
Min elevation	229.0 m
Mean bifurcation ratio	2.1176
Stream frequency	75.2610 per km <sup>2</sup>
Relief	77.00 m
Drainage density	10.0650 km/km <sup>2</sup>
Length of overland flow	49.677 m

## CATCHMENT CLIMATOLOGY

