

## Chirkhan Dam

Location	22.1233° N, 76.4219° E
State	Madhya Pradesh
Nearest City	Khandwa
Year of Completion	1997
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Kalapani
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.9 m
Dam length	650.0 m
Reservoir Area	716000.0 m <sup>2</sup>
Gross storage capacity	1821000.0 m <sup>3</sup>
Effective storage capacity	1581000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	9.2 km <sup>2</sup>
Perimeter of catchment	15.7 km
Basin Length	5915.9 m
Form factor	0.26269
Circularity ratio	0.46731
Elongation ratio	0.57814
Highest Stream order	5
Max elevation	304.0 m
Min elevation	245.0 m
Mean bifurcation ratio	2.0160
Stream frequency	75.3780 per km <sup>2</sup>
Relief	59.00 m
Drainage density	9.8760 km/km <sup>2</sup>
Length of overland flow	50.630 m

## CATCHMENT CLIMATOLOGY

