

## Vinchurni Dam

Location	17.9289° N, 74.4272° E
State	Maharashtra
Nearest City	Phaltan
Year of Completion	1974
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.6 m
Dam length	580.0 m
Reservoir Area	970000.0 m <sup>2</sup>
Gross storage capacity	1340000.0 m <sup>3</sup>
Effective storage capacity	1050000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	32.2 km <sup>2</sup>
Perimeter of catchment	28.5 km
Basin Length	10522.0 m
Form factor	0.29051
Circularity ratio	0.49913
Elongation ratio	0.60798
Highest Stream order	6
Max elevation	1055.0 m
Min elevation	581.0 m
Mean bifurcation ratio	2.3280
Stream frequency	78.4700 per km <sup>2</sup>
Relief	474.00 m
Drainage density	11.0480 km/km <sup>2</sup>
Length of overland flow	45.258 m

## CATCHMENT CLIMATOLOGY

