

## Ratnapur Dam

Location	18.7131° N, 75.2914° E
State	Maharashtra
Nearest City	Jamkhed
Year of Completion	1985
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.2 m
Dam length	1135.0 m
Reservoir Area	826000.0 m <sup>2</sup>
Gross storage capacity	237000.0 m <sup>3</sup>
Effective storage capacity	166000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	181.1 km <sup>2</sup>
Perimeter of catchment	78.3 km
Basin Length	22843.0 m
Form factor	0.34712
Circularity ratio	0.37108
Elongation ratio	0.66458
Highest Stream order	6
Max elevation	868.0 m
Min elevation	564.0 m
Mean bifurcation ratio	2.2017
Stream frequency	80.6720 per km <sup>2</sup>
Relief	304.00 m
Drainage density	11.5760 km/km <sup>2</sup>
Length of overland flow	43.191 m

## CATCHMENT CLIMATOLOGY

