

## Rankhed Dam

Location	20.3689° N, 74.7803° E
State	Maharashtra
Nearest City	Nandgaon
Year of Completion	1979
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Mohadi
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.2 m
Dam length	625.0 m
Reservoir Area	404920.0 m <sup>2</sup>
Gross storage capacity	1380000.0 m <sup>3</sup>
Effective storage capacity	1140000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	633.0 km <sup>2</sup>
Perimeter of catchment	140.0 km
Basin Length	38206.0 m
Form factor	0.43363
Circularity ratio	0.40607
Elongation ratio	0.74279
Highest Stream order	7
Max elevation	774.0 m
Min elevation	405.0 m
Mean bifurcation ratio	2.2989
Stream frequency	72.5880 per km <sup>2</sup>
Relief	369.00 m
Drainage density	9.7970 km/km <sup>2</sup>
Length of overland flow	51.035 m

## CATCHMENT CLIMATOLOGY

