

## Rankala Dam

Location	16.6867° N, 74.2142° E
State	Maharashtra
Nearest City	Kolhapur
Year of Completion	1883
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Local Nala
Dam Type	Other
Height above lowest foundation level	15.0 m
Dam length	3620.0 m
Reservoir Area	1052000.0 m <sup>2</sup>
Gross storage capacity	435014000.0 m <sup>3</sup>
Effective storage capacity	274604000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.1 km <sup>2</sup>
Perimeter of catchment	9.1 km
Basin Length	3597.7 m
Form factor	0.23977
Circularity ratio	0.46606
Elongation ratio	0.55234
Highest Stream order	4
Max elevation	636.0 m
Min elevation	546.0 m
Mean bifurcation ratio	3.1186
Stream frequency	77.0100 per km <sup>2</sup>
Relief	90.00 m
Drainage density	10.0300 km/km <sup>2</sup>
Length of overland flow	49.851 m

## CATCHMENT CLIMATOLOGY

