

## Pangarkhed Dam

Location	20.2719° N, 76.7925° E
State	Maharashtra
Nearest City	Mehkar
Year of Completion	2001
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	20.8 m
Dam length	290.0 m
Reservoir Area	26000.0 m <sup>2</sup>
Gross storage capacity	1480000.0 m <sup>3</sup>
Effective storage capacity	1360000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	11.9 km <sup>2</sup>
Perimeter of catchment	14.2 km
Basin Length	4418.2 m
Form factor	0.60986
Circularity ratio	0.74672
Elongation ratio	0.88090
Highest Stream order	5
Max elevation	549.0 m
Min elevation	485.0 m
Mean bifurcation ratio	2.4354
Stream frequency	77.2810 per km <sup>2</sup>
Relief	64.00 m
Drainage density	10.7060 km/km <sup>2</sup>
Length of overland flow	46.704 m

## CATCHMENT CLIMATOLOGY

