

## Bramhanwada Dam

Location	20.3431° N, 76.5103° E
State	Maharashtra
Nearest City	Malegaon
Year of Completion	1995
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.7 m
Dam length	275.0 m
Reservoir Area	30870.0 m <sup>2</sup>
Gross storage capacity	1325000.0 m <sup>3</sup>
Effective storage capacity	1220000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	7.0 km <sup>2</sup>
Perimeter of catchment	11.6 km
Basin Length	3881.3 m
Form factor	0.46143
Circularity ratio	0.65273
Elongation ratio	0.76624
Highest Stream order	5
Max elevation	586.0 m
Min elevation	535.0 m
Mean bifurcation ratio	2.5670
Stream frequency	71.0670 per km <sup>2</sup>
Relief	51.00 m
Drainage density	9.3080 km/km <sup>2</sup>
Length of overland flow	53.717 m

## CATCHMENT CLIMATOLOGY

