

Bramhanwada Dam

Location	20.3275° N, 76.9697° E
State	Maharashtra
Nearest City	Malegaon
Year of Completion	1998
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	142640.0 m ²
Gross storage capacity	1325000.0 m ³
Effective storage capacity	1220000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5.5 km ²
Perimeter of catchment	10.4 km
Basin Length	3694.6 m
Form factor	0.40063
Circularity ratio	0.63793
Elongation ratio	0.71397
Highest Stream order	4
Max elevation	502.0 m
Min elevation	450.0 m
Mean bifurcation ratio	2.6067
Stream frequency	86.8580 per km ²
Relief	52.00 m
Drainage density	11.9810 km/km ²
Length of overland flow	41.733 m

CATCHMENT CLIMATOLOGY

