

## Bhugaon Dam

Location	18.4972° N, 73.7378° E
State	Maharashtra
Nearest City	Mulshi
Year of Completion	1983
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	21.2 m
Dam length	550.0 m
Reservoir Area	4221000.0 m <sup>2</sup>
Gross storage capacity	1900000.0 m <sup>3</sup>
Effective storage capacity	1800000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	12.8 km <sup>2</sup>
Perimeter of catchment	16.4 km
Basin Length	5059.7 m
Form factor	0.49905
Circularity ratio	0.59452
Elongation ratio	0.79686
Highest Stream order	5
Max elevation	934.0 m
Min elevation	652.0 m
Mean bifurcation ratio	4.0948
Stream frequency	82.8130 per km <sup>2</sup>
Relief	282.00 m
Drainage density	12.0010 km/km <sup>2</sup>
Length of overland flow	41.663 m

## CATCHMENT CLIMATOLOGY

