

## Chalkewadi Dam

Location	17.1969° N, 74.0122° E
State	Maharashtra
Nearest City	Patan.
Year of Completion	1991
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	21.5 m
Dam length	366.0 m
Reservoir Area	1540000.0 m <sup>2</sup>
Gross storage capacity	798000.0 m <sup>3</sup>
Effective storage capacity	780000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.2 km <sup>2</sup>
Perimeter of catchment	6.4 km
Basin Length	1967.9 m
Form factor	0.56059
Circularity ratio	0.66485
Elongation ratio	0.84456
Highest Stream order	4
Max elevation	918.0 m
Min elevation	667.0 m
Mean bifurcation ratio	3.0027
Stream frequency	78.7690 per km <sup>2</sup>
Relief	251.00 m
Drainage density	10.8030 km/km <sup>2</sup>
Length of overland flow	46.282 m

## CATCHMENT CLIMATOLOGY

