

## Kalasgade Dam

Location	15.8331° N, 74.2178° E
State	Maharashtra
Nearest City	Chandgad
Year of Completion	2000
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.3 m
Dam length	524.0 m
Reservoir Area	473200.0 m <sup>2</sup>
Gross storage capacity	1914000.0 m <sup>3</sup>
Effective storage capacity	1840000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5.5 km <sup>2</sup>
Perimeter of catchment	10.5 km
Basin Length	3263.7 m
Form factor	0.52037
Circularity ratio	0.63367
Elongation ratio	0.81370
Highest Stream order	5
Max elevation	992.0 m
Min elevation	707.0 m
Mean bifurcation ratio	2.9120
Stream frequency	85.1560 per km <sup>2</sup>
Relief	285.00 m
Drainage density	12.0070 km/km <sup>2</sup>
Length of overland flow	41.644 m

## CATCHMENT CLIMATOLOGY

