

## Kalapvihar Dam

Location	20.1106° N, 76.4586° E
State	Maharashtra
Nearest City	Lonar
Year of Completion	1800
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.0 m
Dam length	810.0 m
Reservoir Area	61550.0 m <sup>2</sup>
Gross storage capacity	1580000.0 m <sup>3</sup>
Effective storage capacity	1461000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	13.5 km <sup>2</sup>
Perimeter of catchment	16.8 km
Basin Length	5619.2 m
Form factor	0.42597
Circularity ratio	0.60170
Elongation ratio	0.73621
Highest Stream order	5
Max elevation	613.0 m
Min elevation	545.0 m
Mean bifurcation ratio	2.2816
Stream frequency	79.5530 per km <sup>2</sup>
Relief	68.00 m
Drainage density	11.2240 km/km <sup>2</sup>
Length of overland flow	44.547 m

## CATCHMENT CLIMATOLOGY

