

Kalwande Dam

Location	17.4811° N, 73.4861° E
State	Maharashtra
Nearest City	Chiplun
Year of Completion	1981
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.6 m
Dam length	254.0 m
Reservoir Area	260000.0 m ²
Gross storage capacity	1967000.0 m ³
Effective storage capacity	1927000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5.7 km ²
Perimeter of catchment	9.6 km
Basin Length	2981.4 m
Form factor	0.63843
Circularity ratio	0.78155
Elongation ratio	0.90129
Highest Stream order	4
Max elevation	325.0 m
Min elevation	94.0 m
Mean bifurcation ratio	2.2840
Stream frequency	76.8330 per km ²
Relief	231.00 m
Drainage density	10.6080 km/km ²
Length of overland flow	47.135 m

CATCHMENT CLIMATOLOGY

