

## Kushivali Dam

Location	19.1361° N, 73.1722° E
State	Maharashtra
Nearest City	Ambarnath
Year of Completion	Not Available
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	33.4 m
Dam length	1647.0 m
Reservoir Area	890000.0 m <sup>2</sup>
Gross storage capacity	9608000.0 m <sup>3</sup>
Effective storage capacity	8785000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5.9 km <sup>2</sup>
Perimeter of catchment	10.5 km
Basin Length	3061.2 m
Form factor	0.62572
Circularity ratio	0.66303
Elongation ratio	0.89227
Highest Stream order	5
Max elevation	696.0 m
Min elevation	46.0 m
Mean bifurcation ratio	2.6131
Stream frequency	91.7520 per km <sup>2</sup>
Relief	650.00 m
Drainage density	13.4820 km/km <sup>2</sup>
Length of overland flow	37.085 m

## CATCHMENT CLIMATOLOGY

