

## Vanjale Dam

Location	19.2650° N, 73.3561° E
State	Maharashtra
Nearest City	Murbad
Year of Completion	1985
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	245.0 m
Reservoir Area	275000.0 m <sup>2</sup>
Gross storage capacity	1612000.0 m <sup>3</sup>
Effective storage capacity	1601000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.7 km <sup>2</sup>
Perimeter of catchment	6.9 km
Basin Length	1918.9 m
Form factor	0.74191
Circularity ratio	0.71225
Elongation ratio	0.97159
Highest Stream order	4
Max elevation	107.0 m
Min elevation	54.0 m
Mean bifurcation ratio	5.4836
Stream frequency	71.0170 per km <sup>2</sup>
Relief	53.00 m
Drainage density	8.9730 km/km <sup>2</sup>
Length of overland flow	55.723 m

## CATCHMENT CLIMATOLOGY

