

## Umate Dam

Location	18.5544° N, 73.0231° E
State	Maharashtra
Nearest City	Alibag
Year of Completion	1980
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	m
Dam length	m
Reservoir Area	145496.0 m <sup>2</sup>
Gross storage capacity	m <sup>3</sup>
Effective storage capacity	m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.7 km <sup>2</sup>
Perimeter of catchment	9.7 km
Basin Length	3679.8 m
Form factor	0.34875
Circularity ratio	0.62458
Elongation ratio	0.66614
Highest Stream order	4
Max elevation	427.0 m
Min elevation	21.0 m
Mean bifurcation ratio	2.9963
Stream frequency	91.9000 per km <sup>2</sup>
Relief	406.00 m
Drainage density	13.4890 km/km <sup>2</sup>
Length of overland flow	37.068 m

## CATCHMENT CLIMATOLOGY

