

## Umarani Dam

Location	16.8858° N, 75.2333° E
State	Maharashtra
Nearest City	Jath
Year of Completion	1999
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.3 m
Dam length	220.0 m
Reservoir Area	302000.0 m <sup>2</sup>
Gross storage capacity	1138000.0 m <sup>3</sup>
Effective storage capacity	971000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	15.3 km <sup>2</sup>
Perimeter of catchment	16.0 km
Basin Length	5252.2 m
Form factor	0.55408
Circularity ratio	0.75476
Elongation ratio	0.83964
Highest Stream order	5
Max elevation	718.0 m
Min elevation	631.0 m
Mean bifurcation ratio	2.4473
Stream frequency	82.1090 per km <sup>2</sup>
Relief	87.00 m
Drainage density	11.5410 km/km <sup>2</sup>
Length of overland flow	43.323 m

## CATCHMENT CLIMATOLOGY

