

## Pashane Dam

Location	19.1111° N, 73.3236° E
State	Maharashtra
Nearest City	Karjat
Year of Completion	1989
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	24.2 m
Dam length	372.0 m
Reservoir Area	296200.0 m <sup>2</sup>
Gross storage capacity	2987000.0 m <sup>3</sup>
Effective storage capacity	2753000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.1 km <sup>2</sup>
Perimeter of catchment	5.6 km
Basin Length	1623.5 m
Form factor	0.78743
Circularity ratio	0.82869
Elongation ratio	1.00100
Highest Stream order	4
Max elevation	107.0 m
Min elevation	33.0 m
Mean bifurcation ratio	2.3994
Stream frequency	65.5260 per km <sup>2</sup>
Relief	74.00 m
Drainage density	8.4480 km/km <sup>2</sup>
Length of overland flow	59.188 m

## CATCHMENT CLIMATOLOGY

