

## Patane Dam

Location	15.8686° N, 74.2308° E
State	Maharashtra
Nearest City	Chandgad
Year of Completion	2001
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	27.4 m
Dam length	364.0 m
Reservoir Area	390000.0 m <sup>2</sup>
Gross storage capacity	4530000.0 m <sup>3</sup>
Effective storage capacity	4490000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.3 km <sup>2</sup>
Perimeter of catchment	7.3 km
Basin Length	2570.9 m
Form factor	0.34871
Circularity ratio	0.54609
Elongation ratio	0.66610
Highest Stream order	4
Max elevation	943.0 m
Min elevation	702.0 m
Mean bifurcation ratio	2.8875
Stream frequency	88.0800 per km <sup>2</sup>
Relief	241.00 m
Drainage density	12.7940 km/km <sup>2</sup>
Length of overland flow	39.080 m

## CATCHMENT CLIMATOLOGY

