

## Padasali Dam

Location	16.7000° N, 73.8428° E
State	Maharashtra
Nearest City	Panhala
Year of Completion	1997
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	29.2 m
Dam length	450.0 m
Reservoir Area	1178000.0 m <sup>2</sup>
Gross storage capacity	6373000.0 m <sup>3</sup>
Effective storage capacity	6302000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	7.5 km <sup>2</sup>
Perimeter of catchment	12.0 km
Basin Length	3384.1 m
Form factor	0.65802
Circularity ratio	0.65549
Elongation ratio	0.91501
Highest Stream order	5
Max elevation	967.0 m
Min elevation	599.0 m
Mean bifurcation ratio	2.9978
Stream frequency	84.5300 per km <sup>2</sup>
Relief	368.00 m
Drainage density	12.4530 km/km <sup>2</sup>
Length of overland flow	40.152 m

## CATCHMENT CLIMATOLOGY

