

## Padalpur Dam

Location	21.6572° N, 74.2364° E
State	Maharashtra
Nearest City	Taloda
Year of Completion	1993
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	20.8 m
Dam length	945.0 m
Reservoir Area	29230.0 m <sup>2</sup>
Gross storage capacity	1700000.0 m <sup>3</sup>
Effective storage capacity	1670000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	6.8 km <sup>2</sup>
Perimeter of catchment	13.1 km
Basin Length	5161.9 m
Form factor	0.25521
Circularity ratio	0.50119
Elongation ratio	0.56985
Highest Stream order	5
Max elevation	901.0 m
Min elevation	227.0 m
Mean bifurcation ratio	2.4752
Stream frequency	85.1460 per km <sup>2</sup>
Relief	674.00 m
Drainage density	12.3730 km/km <sup>2</sup>
Length of overland flow	40.409 m

## CATCHMENT CLIMATOLOGY

