

## Patia Dam

Location	21.5886° N, 77.0417° E
State	Maharashtra
Nearest City	Dharni
Year of Completion	Not Available
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.8 m
Dam length	710.0 m
Reservoir Area	502000.0 m <sup>2</sup>
Gross storage capacity	2574000.0 m <sup>3</sup>
Effective storage capacity	2432000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	725.4 km <sup>2</sup>
Perimeter of catchment	161.3 km
Basin Length	50706.0 m
Form factor	0.28213
Circularity ratio	0.35036
Elongation ratio	0.59914
Highest Stream order	7
Max elevation	1150.0 m
Min elevation	344.0 m
Mean bifurcation ratio	2.2880
Stream frequency	79.5950 per km <sup>2</sup>
Relief	806.00 m
Drainage density	11.2760 km/km <sup>2</sup>
Length of overland flow	44.342 m

## CATCHMENT CLIMATOLOGY

