

## Hiwara Dam

Location	20.4489° N, 76.7450° E
State	Maharashtra
Nearest City	Patur
Year of Completion	2015
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.7 m
Dam length	1323.0 m
Reservoir Area	760400.0 m <sup>2</sup>
Gross storage capacity	2640000.0 m <sup>3</sup>
Effective storage capacity	2300000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	19.5 km <sup>2</sup>
Perimeter of catchment	21.4 km
Basin Length	8312.0 m
Form factor	0.28243
Circularity ratio	0.53531
Elongation ratio	0.59946
Highest Stream order	5
Max elevation	467.0 m
Min elevation	335.0 m
Mean bifurcation ratio	2.3126
Stream frequency	79.9480 per km <sup>2</sup>
Relief	132.00 m
Drainage density	10.9130 km/km <sup>2</sup>
Length of overland flow	45.818 m

## CATCHMENT CLIMATOLOGY

