

## Aner Dam

Location	21.3103° N, 75.1381° E
State	Maharashtra
Nearest City	Shirpur
Year of Completion	1980
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Aner
Dam Type	Earthfill Embankment
Height above lowest foundation level	47.0 m
Dam length	2275.0 m
Reservoir Area	793000.0 m <sup>2</sup>
Gross storage capacity	99600000.0 m <sup>3</sup>
Effective storage capacity	52900000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	1262.3 km <sup>2</sup>
Perimeter of catchment	224.2 km
Basin Length	68848.0 m
Form factor	0.26630
Circularity ratio	0.31556
Elongation ratio	0.58210
Highest Stream order	8
Max elevation	1030.0 m
Min elevation	174.0 m
Mean bifurcation ratio	2.4401
Stream frequency	79.2760 per km <sup>2</sup>
Relief	856.00 m
Drainage density	11.1490 km/km <sup>2</sup>
Length of overland flow	44.849 m

## CATCHMENT CLIMATOLOGY

