

## Warni Dam

Location	19.0583° N, 75.3828° E
State	Maharashtra
Nearest City	Patoda
Year of Completion	1981
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.4 m
Dam length	862.0 m
Reservoir Area	650000.0 m <sup>2</sup>
Gross storage capacity	1910000.0 m <sup>3</sup>
Effective storage capacity	1648000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	29.1 km <sup>2</sup>
Perimeter of catchment	25.5 km
Basin Length	7439.3 m
Form factor	0.52590
Circularity ratio	0.56303
Elongation ratio	0.81801
Highest Stream order	5
Max elevation	707.0 m
Min elevation	555.0 m
Mean bifurcation ratio	2.6882
Stream frequency	81.3620 per km <sup>2</sup>
Relief	152.00 m
Drainage density	11.6450 km/km <sup>2</sup>
Length of overland flow	42.938 m

## CATCHMENT CLIMATOLOGY

