

## Nagalwadi Dam

Location	21.5746° N, 79.0332° E
State	Maharashtra
Nearest City	Saoner
Year of Completion	1978
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.4 m
Dam length	157.0 m
Reservoir Area	9522000.0 m <sup>2</sup>
Gross storage capacity	2396000.0 m <sup>3</sup>
Effective storage capacity	2245000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	29.2 km <sup>2</sup>
Perimeter of catchment	23.4 km
Basin Length	8441.2 m
Form factor	0.40976
Circularity ratio	0.66956
Elongation ratio	0.72206
Highest Stream order	6
Max elevation	577.0 m
Min elevation	375.0 m
Mean bifurcation ratio	8.7583
Stream frequency	82.0990 per km <sup>2</sup>
Relief	202.00 m
Drainage density	11.7970 km/km <sup>2</sup>
Length of overland flow	42.383 m

## CATCHMENT CLIMATOLOGY

