

## Loni Dam

Location	20.1597° N, 75.2411° E
State	Maharashtra
Nearest City	Kannad
Year of Completion	1988
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.0 m
Dam length	407.0 m
Reservoir Area	29000.0 m <sup>2</sup>
Gross storage capacity	860000.0 m <sup>3</sup>
Effective storage capacity	850000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5.3 km <sup>2</sup>
Perimeter of catchment	9.6 km
Basin Length	2624.4 m
Form factor	0.77426
Circularity ratio	0.72715
Elongation ratio	0.99255
Highest Stream order	5
Max elevation	705.0 m
Min elevation	642.0 m
Mean bifurcation ratio	3.8708
Stream frequency	79.1350 per km <sup>2</sup>
Relief	63.00 m
Drainage density	10.9590 km/km <sup>2</sup>
Length of overland flow	45.627 m

## CATCHMENT CLIMATOLOGY

