

## Loni Dam

Location	18.9686° N, 74.8731° E
State	Maharashtra
Nearest City	Ashti
Year of Completion	1979
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.1 m
Dam length	1194.0 m
Reservoir Area	510000.0 m <sup>2</sup>
Gross storage capacity	1488000.0 m <sup>3</sup>
Effective storage capacity	1335000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	15.4 km <sup>2</sup>
Perimeter of catchment	17.4 km
Basin Length	5323.5 m
Form factor	0.54192
Circularity ratio	0.63447
Elongation ratio	0.83038
Highest Stream order	5
Max elevation	723.0 m
Min elevation	634.0 m
Mean bifurcation ratio	2.6994
Stream frequency	88.1620 per km <sup>2</sup>
Relief	89.00 m
Drainage density	12.7990 km/km <sup>2</sup>
Length of overland flow	39.065 m

## CATCHMENT CLIMATOLOGY

