

## Lonavala Dam

Location	18.7444° N, 73.4019° E
State	Maharashtra
Nearest City	Maval
Year of Completion	1916
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Indrayani
Dam Type	Other
Height above lowest foundation level	15.4 m
Dam length	1544.0 m
Reservoir Area	14000.0 m <sup>2</sup>
Gross storage capacity	11780000.0 m <sup>3</sup>
Effective storage capacity	11720000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5.1 km <sup>2</sup>
Perimeter of catchment	10.1 km
Basin Length	2422.2 m
Form factor	0.87024
Circularity ratio	0.62796
Elongation ratio	1.05230
Highest Stream order	4
Max elevation	820.0 m
Min elevation	618.0 m
Mean bifurcation ratio	7.3772
Stream frequency	96.7530 per km <sup>2</sup>
Relief	202.00 m
Drainage density	15.0120 km/km <sup>2</sup>
Length of overland flow	33.306 m

## CATCHMENT CLIMATOLOGY

