

## Gartek Dam

Location	20.1319° N, 77.5433° E
State	Maharashtra
Nearest City	Manora
Year of Completion	1995
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.1 m
Dam length	354.0 m
Reservoir Area	49000.0 m <sup>2</sup>
Gross storage capacity	1993000.0 m <sup>3</sup>
Effective storage capacity	1874000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.5 km <sup>2</sup>
Perimeter of catchment	8.1 km
Basin Length	1749.2 m
Form factor	1.15780
Circularity ratio	0.68229
Elongation ratio	1.21380
Highest Stream order	4
Max elevation	522.0 m
Min elevation	408.0 m
Mean bifurcation ratio	3.8198
Stream frequency	77.9040 per km <sup>2</sup>
Relief	114.00 m
Drainage density	10.7260 km/km <sup>2</sup>
Length of overland flow	46.615 m

## CATCHMENT CLIMATOLOGY

