

## Garkheda Dam

Location	20.6022° N, 75.3094° E
State	Maharashtra
Nearest City	Pachora
Year of Completion	1981
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Manmodi
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.5 m
Dam length	1668.0 m
Reservoir Area	660000.0 m <sup>2</sup>
Gross storage capacity	1440000.0 m <sup>3</sup>
Effective storage capacity	1328000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	12.1 km <sup>2</sup>
Perimeter of catchment	16.3 km
Basin Length	5946.1 m
Form factor	0.34267
Circularity ratio	0.57625
Elongation ratio	0.66031
Highest Stream order	5
Max elevation	383.0 m
Min elevation	276.0 m
Mean bifurcation ratio	2.1689
Stream frequency	72.1380 per km <sup>2</sup>
Relief	107.00 m
Drainage density	9.4500 km/km <sup>2</sup>
Length of overland flow	52.908 m

## CATCHMENT CLIMATOLOGY

