

## Guropimpri Dam

Location	18.6986° N, 74.9603° E
State	Maharashtra
Nearest City	Karjat
Year of Completion	1954
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Bhokri
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.3 m
Dam length	945.0 m
Reservoir Area	122000.0 m <sup>2</sup>
Gross storage capacity	3851000.0 m <sup>3</sup>
Effective storage capacity	3143000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	40.7 km <sup>2</sup>
Perimeter of catchment	30.9 km
Basin Length	8825.1 m
Form factor	0.52309
Circularity ratio	0.53591
Elongation ratio	0.81583
Highest Stream order	6
Max elevation	725.0 m
Min elevation	591.0 m
Mean bifurcation ratio	4.0988
Stream frequency	78.2520 per km <sup>2</sup>
Relief	134.00 m
Drainage density	11.1060 km/km <sup>2</sup>
Length of overland flow	45.019 m

## CATCHMENT CLIMATOLOGY

