

## Kalyangirija Dam

Location	19.8358° N, 76.1536° E
State	Maharashtra
Nearest City	Jalna
Year of Completion	1972
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Girija
Dam Type	Earthfill Embankment
Height above lowest foundation level	22.1 m
Dam length	1183.0 m
Reservoir Area	568000.0 m <sup>2</sup>
Gross storage capacity	10150000.0 m <sup>3</sup>
Effective storage capacity	8470000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	56.6 km <sup>2</sup>
Perimeter of catchment	37.1 km
Basin Length	13945.0 m
Form factor	0.29122
Circularity ratio	0.51816
Elongation ratio	0.60872
Highest Stream order	6
Max elevation	652.0 m
Min elevation	460.0 m
Mean bifurcation ratio	2.6749
Stream frequency	78.6490 per km <sup>2</sup>
Relief	192.00 m
Drainage density	11.0030 km/km <sup>2</sup>
Length of overland flow	45.441 m

## CATCHMENT CLIMATOLOGY

