

## Kekatpur Dam

Location	21.0950° N, 77.9625° E
State	Maharashtra
Nearest City	Amarawati
Year of Completion	1983
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.8 m
Dam length	559.0 m
Reservoir Area	565000.0 m <sup>2</sup>
Gross storage capacity	2564000.0 m <sup>3</sup>
Effective storage capacity	2334000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	20.6 km <sup>2</sup>
Perimeter of catchment	19.7 km
Basin Length	6701.6 m
Form factor	0.45883
Circularity ratio	0.66632
Elongation ratio	0.76407
Highest Stream order	5
Max elevation	383.0 m
Min elevation	331.0 m
Mean bifurcation ratio	2.1865
Stream frequency	69.9280 per km <sup>2</sup>
Relief	52.00 m
Drainage density	9.1670 km/km <sup>2</sup>
Length of overland flow	54.542 m

## CATCHMENT CLIMATOLOGY

