

## Kamalapur Dam

Location	19.2256° N, 80.2225° E
State	Maharashtra
Nearest City	Ahiri
Year of Completion	1974
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.8 m
Dam length	743.0 m
Reservoir Area	660000.0 m <sup>2</sup>
Gross storage capacity	1445000.0 m <sup>3</sup>
Effective storage capacity	1200000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	17.3 km <sup>2</sup>
Perimeter of catchment	19.1 km
Basin Length	6545.5 m
Form factor	0.40401
Circularity ratio	0.59921
Elongation ratio	0.71698
Highest Stream order	5
Max elevation	458.0 m
Min elevation	164.0 m
Mean bifurcation ratio	2.2937
Stream frequency	78.4550 per km <sup>2</sup>
Relief	294.00 m
Drainage density	10.9940 km/km <sup>2</sup>
Length of overland flow	45.478 m

## CATCHMENT CLIMATOLOGY

