

## Darati Dam

Location	19.6064° N, 78.1128° E
State	Maharashtra
Nearest City	Umarkhed
Year of Completion	1985
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.4 m
Dam length	720.0 m
Reservoir Area	605000.0 m <sup>2</sup>
Gross storage capacity	2740000.0 m <sup>3</sup>
Effective storage capacity	2520000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	12.8 km <sup>2</sup>
Perimeter of catchment	15.7 km
Basin Length	4168.0 m
Form factor	0.73594
Circularity ratio	0.65036
Elongation ratio	0.96768
Highest Stream order	5
Max elevation	476.0 m
Min elevation	319.0 m
Mean bifurcation ratio	2.7654
Stream frequency	80.7200 per km <sup>2</sup>
Relief	157.00 m
Drainage density	11.4670 km/km <sup>2</sup>
Length of overland flow	43.604 m

## CATCHMENT CLIMATOLOGY

