

## Takalwadi Dam

Location	18.9392° N, 76.7394° E
State	Maharashtra
Nearest City	Gangakhed
Year of Completion	1976
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.4 m
Dam length	1206.0 m
Reservoir Area	433084.0 m <sup>2</sup>
Gross storage capacity	1512000.0 m <sup>3</sup>
Effective storage capacity	1363000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	12.2 km <sup>2</sup>
Perimeter of catchment	16.3 km
Basin Length	5197.6 m
Form factor	0.45194
Circularity ratio	0.57419
Elongation ratio	0.75832
Highest Stream order	5
Max elevation	488.0 m
Min elevation	392.0 m
Mean bifurcation ratio	2.3645
Stream frequency	81.4130 per km <sup>2</sup>
Relief	96.00 m
Drainage density	11.7480 km/km <sup>2</sup>
Length of overland flow	42.559 m

## CATCHMENT CLIMATOLOGY

