

## Ghoti Shilwandi Dam

Location	19.4483° N, 73.8872° E
State	Maharashtra
Nearest City	Akola
Year of Completion	2007
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	32.2 m
Dam length	180.0 m
Reservoir Area	267660.0 m <sup>2</sup>
Gross storage capacity	4060000.0 m <sup>3</sup>
Effective storage capacity	3860000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	11.7 km <sup>2</sup>
Perimeter of catchment	15.4 km
Basin Length	5245.8 m
Form factor	0.42527
Circularity ratio	0.61743
Elongation ratio	0.73560
Highest Stream order	5
Max elevation	1425.0 m
Min elevation	699.0 m
Mean bifurcation ratio	2.6458
Stream frequency	83.6560 per km <sup>2</sup>
Relief	726.00 m
Drainage density	12.2580 km/km <sup>2</sup>
Length of overland flow	40.790 m

## CATCHMENT CLIMATOLOGY

