

## Dastapur Dam

Location	20.2458° N, 77.3042° E
State	Maharashtra
Nearest City	Amravati
Year of Completion	1982
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.0 m
Dam length	640.0 m
Reservoir Area	718000.0 m <sup>2</sup>
Gross storage capacity	2310000.0 m <sup>3</sup>
Effective storage capacity	2055000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	18.2 km <sup>2</sup>
Perimeter of catchment	18.1 km
Basin Length	5543.9 m
Form factor	0.59308
Circularity ratio	0.69808
Elongation ratio	0.86869
Highest Stream order	5
Max elevation	540.0 m
Min elevation	465.0 m
Mean bifurcation ratio	2.4583
Stream frequency	77.3540 per km <sup>2</sup>
Relief	75.00 m
Drainage density	10.5310 km/km <sup>2</sup>
Length of overland flow	47.478 m

## CATCHMENT CLIMATOLOGY

