

## Siddheshwar Dam

Location	19.5903° N, 76.9583° E
State	Maharashtra
Nearest City	Jintur
Year of Completion	1968
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Purna
Dam Type	Earthfill Embankment
Height above lowest foundation level	38.3 m
Dam length	6658.0 m
Reservoir Area	33540000.0 m <sup>2</sup>
Gross storage capacity	250850000.0 m <sup>3</sup>
Effective storage capacity	80960000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	7856.4 km <sup>2</sup>
Perimeter of catchment	650.5 km
Basin Length	218300.0 m
Form factor	0.16486
Circularity ratio	0.23337
Elongation ratio	0.45800
Highest Stream order	9
Max elevation	926.0 m
Min elevation	390.0 m
Mean bifurcation ratio	2.1585
Stream frequency	76.0210 per km <sup>2</sup>
Relief	536.00 m
Drainage density	10.6320 km/km <sup>2</sup>
Length of overland flow	47.028 m

## CATCHMENT CLIMATOLOGY

