

## Sirpur (Mantha) Dam

Location	19.8822° N, 76.4319° E
State	Maharashtra
Nearest City	Mantha
Year of Completion	1987
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.9 m
Dam length	523.0 m
Reservoir Area	420000.0 m <sup>2</sup>
Gross storage capacity	1280000.0 m <sup>3</sup>
Effective storage capacity	1170000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	9.9 km <sup>2</sup>
Perimeter of catchment	14.8 km
Basin Length	5692.3 m
Form factor	0.30658
Circularity ratio	0.57269
Elongation ratio	0.62456
Highest Stream order	5
Max elevation	573.0 m
Min elevation	488.0 m
Mean bifurcation ratio	2.3648
Stream frequency	84.9630 per km <sup>2</sup>
Relief	85.00 m
Drainage density	12.1250 km/km <sup>2</sup>
Length of overland flow	41.238 m

## CATCHMENT CLIMATOLOGY

