

Tisgaon Dam

Location	19.8744° N, 75.2558° E
State	Maharashtra
Nearest City	Aurangabad
Year of Completion	1981
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	975.0 m
Reservoir Area	890000.0 m ²
Gross storage capacity	1983000.0 m ³
Effective storage capacity	1780000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	18.1 km ²
Perimeter of catchment	19.1 km
Basin Length	7311.1 m
Form factor	0.33774
Circularity ratio	0.62118
Elongation ratio	0.65554
Highest Stream order	6
Max elevation	794.0 m
Min elevation	534.0 m
Mean bifurcation ratio	2.3604
Stream frequency	77.9380 per km ²
Relief	260.00 m
Drainage density	10.4860 km/km ²
Length of overland flow	47.681 m

CATCHMENT CLIMATOLOGY

