

Shanimandal Dam

Location	21.2619° N, 74.3375° E
State	Maharashtra
Nearest City	Nandurbar
Year of Completion	1885
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Shanimandal
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.5 m
Dam length	1270.0 m
Reservoir Area	121400.0 m ²
Gross storage capacity	3307000.0 m ³
Effective storage capacity	2902000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	28.9 km ²
Perimeter of catchment	28.4 km
Basin Length	10531.0 m
Form factor	0.26016
Circularity ratio	0.44830
Elongation ratio	0.57535
Highest Stream order	6
Max elevation	502.0 m
Min elevation	325.0 m
Mean bifurcation ratio	2.0998
Stream frequency	74.0020 per km ²
Relief	177.00 m
Drainage density	9.8980 km/km ²
Length of overland flow	50.514 m

CATCHMENT CLIMATOLOGY

