

Nandgaon (Aurangabad) Dam

Location	20.5083° N, 75.4028° E
State	Maharashtra
Nearest City	Soyegaon
Year of Completion	Not Available
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.1 m
Dam length	2441.0 m
Reservoir Area	399781.0 m ²
Gross storage capacity	1441000.0 m ³
Effective storage capacity	1288000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.6 km ²
Perimeter of catchment	9.5 km
Basin Length	3843.0 m
Form factor	0.24651
Circularity ratio	0.50941
Elongation ratio	0.56005
Highest Stream order	4
Max elevation	727.0 m
Min elevation	330.0 m
Mean bifurcation ratio	2.5739
Stream frequency	81.3080 per km ²
Relief	397.00 m
Drainage density	10.6940 km/km ²
Length of overland flow	46.753 m

CATCHMENT CLIMATOLOGY

