

Nandgaon Dam

Location	19.3858° N, 78.0678° E
State	Maharashtra
Nearest City	Kinwat
Year of Completion	1989
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.7 m
Dam length	1154.0 m
Reservoir Area	497000.0 m ²
Gross storage capacity	1541000.0 m ³
Effective storage capacity	1496000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.6 km ²
Perimeter of catchment	8.0 km
Basin Length	2351.3 m
Form factor	0.65988
Circularity ratio	0.70770
Elongation ratio	0.91631
Highest Stream order	4
Max elevation	579.0 m
Min elevation	414.0 m
Mean bifurcation ratio	2.8908
Stream frequency	83.3290 per km ²
Relief	165.00 m
Drainage density	11.3110 km/km ²
Length of overland flow	44.206 m

CATCHMENT CLIMATOLOGY

