

Nanda Dam

Location	21.4325° N, 78.7469° E
State	Maharashtra
Nearest City	Savner
Year of Completion	1976
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.3 m
Dam length	345.0 m
Reservoir Area	25480.0 m ²
Gross storage capacity	1105000.0 m ³
Effective storage capacity	985000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	11.0 km ²
Perimeter of catchment	13.5 km
Basin Length	4695.7 m
Form factor	0.49711
Circularity ratio	0.75406
Elongation ratio	0.79531
Highest Stream order	5
Max elevation	531.0 m
Min elevation	394.0 m
Mean bifurcation ratio	3.2591
Stream frequency	80.8290 per km ²
Relief	137.00 m
Drainage density	11.0130 km/km ²
Length of overland flow	45.400 m

CATCHMENT CLIMATOLOGY

