

Nandgavhan Dam

Location	20.0667° N, 77.6522° E
State	Maharashtra
Nearest City	Digras
Year of Completion	1977
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.6 m
Dam length	545.0 m
Reservoir Area	150546.0 m ²
Gross storage capacity	m ³
Effective storage capacity	m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	54.9 km ²
Perimeter of catchment	34.1 km
Basin Length	9119.5 m
Form factor	0.66041
Circularity ratio	0.59488
Elongation ratio	0.91667
Highest Stream order	6
Max elevation	547.0 m
Min elevation	358.0 m
Mean bifurcation ratio	2.4547
Stream frequency	77.1090 per km ²
Relief	189.00 m
Drainage density	10.7590 km/km ²
Length of overland flow	46.473 m

CATCHMENT CLIMATOLOGY

