

Nandgaon Dam

Location	17.7272° N, 76.2944° E
State	Maharashtra
Nearest City	Bhoom
Year of Completion	1998
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	22.5 m
Dam length	275.0 m
Reservoir Area	270000.0 m ²
Gross storage capacity	1980000.0 m ³
Effective storage capacity	1620000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	32.4 km ²
Perimeter of catchment	24.5 km
Basin Length	9172.6 m
Form factor	0.38476
Circularity ratio	0.67534
Elongation ratio	0.69969
Highest Stream order	6
Max elevation	599.0 m
Min elevation	501.0 m
Mean bifurcation ratio	2.2724
Stream frequency	76.4850 per km ²
Relief	98.00 m
Drainage density	10.5930 km/km ²
Length of overland flow	47.201 m

CATCHMENT CLIMATOLOGY

