

Nandwal (Kolhapur) Dam

Location	16.6189° N, 74.1919° E
State	Maharashtra
Nearest City	Koregaon
Year of Completion	2005
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.7 m
Dam length	524.5 m
Reservoir Area	163430.0 m ²
Gross storage capacity	1790000.0 m ³
Effective storage capacity	1620000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.6 km ²
Perimeter of catchment	6.7 km
Basin Length	1362.0 m
Form factor	1.42180
Circularity ratio	0.73296
Elongation ratio	1.34500
Highest Stream order	4
Max elevation	712.0 m
Min elevation	624.0 m
Mean bifurcation ratio	3.6838
Stream frequency	94.7870 per km ²
Relief	88.00 m
Drainage density	14.6480 km/km ²
Length of overland flow	34.134 m

CATCHMENT CLIMATOLOGY

