

Nandwal (Satara) Dam

Location	17.9661° N, 74.0694° E
State	Maharashtra
Nearest City	Koregaon
Year of Completion	1986
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Vasana
Dam Type	Earthfill Embankment
Height above lowest foundation level	20.3 m
Dam length	886.0 m
Reservoir Area	385000.0 m ²
Gross storage capacity	1790000.0 m ³
Effective storage capacity	1620000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	16.4 km ²
Perimeter of catchment	20.0 km
Basin Length	6479.2 m
Form factor	0.39155
Circularity ratio	0.51897
Elongation ratio	0.70583
Highest Stream order	5
Max elevation	1235.0 m
Min elevation	847.0 m
Mean bifurcation ratio	2.3363
Stream frequency	83.2260 per km ²
Relief	388.00 m
Drainage density	11.7600 km/km ²
Length of overland flow	42.519 m

CATCHMENT CLIMATOLOGY

