

Nilanjgaon Dam

Location	19.7306° N, 75.3808° E
State	Maharashtra
Nearest City	Paithan
Year of Completion	1981
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.0 m
Dam length	727.0 m
Reservoir Area	600000.0 m ²
Gross storage capacity	1434000.0 m ³
Effective storage capacity	1228000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	19.0 km ²
Perimeter of catchment	20.4 km
Basin Length	6987.0 m
Form factor	0.38912
Circularity ratio	0.57493
Elongation ratio	0.70364
Highest Stream order	5
Max elevation	766.0 m
Min elevation	539.0 m
Mean bifurcation ratio	2.3470
Stream frequency	86.7020 per km ²
Relief	227.00 m
Drainage density	12.6610 km/km ²
Length of overland flow	39.492 m

CATCHMENT CLIMATOLOGY

