

Nandla Dam

Location	18.2925° N, 73.0203° E
State	Maharashtra
Nearest City	Murud
Year of Completion	1997
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	19.5 m
Dam length	299.0 m
Reservoir Area	190100.0 m ²
Gross storage capacity	1619450.0 m ³
Effective storage capacity	1278670.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.3 km ²
Perimeter of catchment	7.2 km
Basin Length	2176.4 m
Form factor	0.49285
Circularity ratio	0.56683
Elongation ratio	0.79189
Highest Stream order	4
Max elevation	286.0 m
Min elevation	1.0 m
Mean bifurcation ratio	2.6944
Stream frequency	86.0980 per km ²
Relief	285.00 m
Drainage density	11.4280 km/km ²
Length of overland flow	43.752 m

CATCHMENT CLIMATOLOGY

