

Nandkhed Dam

Location	20.4390° N, 77.2710° E
State	Maharashtra
Nearest City	Mangrulpir
Year of Completion	1990
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	30.4 m
Dam length	730.0 m
Reservoir Area	37730.0 m ²
Gross storage capacity	1500000.0 m ³
Effective storage capacity	1390000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	10.3 km ²
Perimeter of catchment	16.5 km
Basin Length	5325.2 m
Form factor	0.36426
Circularity ratio	0.47740
Elongation ratio	0.68079
Highest Stream order	5
Max elevation	453.0 m
Min elevation	383.0 m
Mean bifurcation ratio	2.3242
Stream frequency	75.7060 per km ²
Relief	70.00 m
Drainage density	10.4590 km/km ²
Length of overland flow	47.804 m

CATCHMENT CLIMATOLOGY

