

Nimkhedi Dam

Location	20.4925° N, 75.2394° E
State	Maharashtra
Nearest City	Soyegaon
Year of Completion	2005
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.3 m
Dam length	894.0 m
Reservoir Area	463000.0 m ²
Gross storage capacity	1386000.0 m ³
Effective storage capacity	1247000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	6.3 km ²
Perimeter of catchment	11.0 km
Basin Length	3910.2 m
Form factor	0.41230
Circularity ratio	0.65206
Elongation ratio	0.72430
Highest Stream order	5
Max elevation	428.0 m
Min elevation	329.0 m
Mean bifurcation ratio	2.5975
Stream frequency	73.4440 per km ²
Relief	99.00 m
Drainage density	9.9230 km/km ²
Length of overland flow	50.389 m

CATCHMENT CLIMATOLOGY

