

Shinde Dam

Location	20.3608° N, 74.3028° E
State	Maharashtra
Nearest City	Surgana
Year of Completion	1983
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	21.3 m
Dam length	349.0 m
Reservoir Area	291600.0 m ²
Gross storage capacity	1690000.0 m ³
Effective storage capacity	1670000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	19.3 km ²
Perimeter of catchment	25.3 km
Basin Length	10504.0 m
Form factor	0.17461
Circularity ratio	0.37688
Elongation ratio	0.47135
Highest Stream order	5
Max elevation	1328.0 m
Min elevation	670.0 m
Mean bifurcation ratio	2.6687
Stream frequency	85.7490 per km ²
Relief	658.00 m
Drainage density	12.6100 km/km ²
Length of overland flow	39.653 m

CATCHMENT CLIMATOLOGY

