

Ranipur (Taloda) Dam

Location	21.6714° N, 74.2578° E
State	Maharashtra
Nearest City	Shahada
Year of Completion	2001
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
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Dam Type	Earthfill Embankment
Height above lowest foundation level	28.3 m
Dam length	267.0 m
Reservoir Area	50000.0 m ²
Gross storage capacity	3490000.0 m ³
Effective storage capacity	2540000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	17.2 km ²
Perimeter of catchment	19.2 km
Basin Length	7045.6 m
Form factor	0.34723
Circularity ratio	0.58843
Elongation ratio	0.66469
Highest Stream order	5
Max elevation	1107.0 m
Min elevation	246.0 m
Mean bifurcation ratio	2.3900
Stream frequency	85.2840 per km ²
Relief	861.00 m
Drainage density	12.6210 km/km ²
Length of overland flow	39.616 m

CATCHMENT CLIMATOLOGY

