

## Malmatha Dam

Location	20.7392° N, 74.4808° E
State	Maharashtra
Nearest City	Lulle
Year of Completion	1976
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Bori
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.5 m
Dam length	1500.0 m
Reservoir Area	1903050000.0 m <sup>2</sup>
Gross storage capacity	3649.5 m <sup>3</sup>
Effective storage capacity	2901.3 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	67.7 km <sup>2</sup>
Perimeter of catchment	48.6 km
Basin Length	17798.0 m
Form factor	0.21373
Circularity ratio	0.35986
Elongation ratio	0.52149
Highest Stream order	6
Max elevation	741.0 m
Min elevation	514.0 m
Mean bifurcation ratio	2.2369
Stream frequency	73.5550 per km <sup>2</sup>
Relief	227.00 m
Drainage density	9.8070 km/km <sup>2</sup>
Length of overland flow	50.983 m

## CATCHMENT CLIMATOLOGY

