

## Uma Barrage Dam

Location	20.8186° N, 77.4753° E
State	Maharashtra
Nearest City	Murtijapur
Year of Completion	Not Available
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Uma
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.1 m
Dam length	1425.0 m
Reservoir Area	501000.0 m <sup>2</sup>
Gross storage capacity	20790000.0 m <sup>3</sup>
Effective storage capacity	18570000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	491.2 km <sup>2</sup>
Perimeter of catchment	129.7 km
Basin Length	45084.0 m
Form factor	0.24167
Circularity ratio	0.36697
Elongation ratio	0.55453
Highest Stream order	7
Max elevation	440.0 m
Min elevation	273.0 m
Mean bifurcation ratio	2.7226
Stream frequency	71.8640 per km <sup>2</sup>
Relief	167.00 m
Drainage density	9.6520 km/km <sup>2</sup>
Length of overland flow	51.801 m

## CATCHMENT CLIMATOLOGY

