

Uma Dam

Location	20.5867° N, 74.4017° E
State	Maharashtra
Nearest City	Murtijapur
Year of Completion	1981
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Uma
Dam Type	Earthfill Embankment
Height above lowest foundation level	20.4 m
Dam length	2140.0 m
Reservoir Area	2600000.0 m ²
Gross storage capacity	14010000.0 m ³
Effective storage capacity	11680000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	26.5 km ²
Perimeter of catchment	26.9 km
Basin Length	10372.0 m
Form factor	0.24631
Circularity ratio	0.45994
Elongation ratio	0.55982
Highest Stream order	6
Max elevation	740.0 m
Min elevation	470.0 m
Mean bifurcation ratio	3.7449
Stream frequency	71.6730 per km ²
Relief	270.00 m
Drainage density	9.4200 km/km ²
Length of overland flow	53.077 m

CATCHMENT CLIMATOLOGY

