

Utawali Dam

Location	20.4189° N, 76.6794° E
State	Maharashtra
Nearest City	Mehkar
Year of Completion	2005
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Utawali
Dam Type	Earthfill Embankment
Height above lowest foundation level	26.1 m
Dam length	2112.0 m
Reservoir Area	3642150.0 m ²
Gross storage capacity	20800000.0 m ³
Effective storage capacity	19790000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	40.3 km ²
Perimeter of catchment	30.6 km
Basin Length	11892.0 m
Form factor	0.28509
Circularity ratio	0.54084
Elongation ratio	0.60229
Highest Stream order	5
Max elevation	548.0 m
Min elevation	357.0 m
Mean bifurcation ratio	2.3160
Stream frequency	79.3150 per km ²
Relief	191.00 m
Drainage density	11.0950 km/km ²
Length of overland flow	45.065 m

CATCHMENT CLIMATOLOGY

