

Utchil Dam

Location	19.2142° N, 73.6822° E
State	Maharashtra
Nearest City	Lonawala
Year of Completion	2001
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Meena
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.1 m
Dam length	453.0 m
Reservoir Area	560000.0 m ²
Gross storage capacity	3119980.0 m ³
Effective storage capacity	3059990.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	11.9 km ²
Perimeter of catchment	13.3 km
Basin Length	3725.0 m
Form factor	0.86112
Circularity ratio	0.84712
Elongation ratio	1.04670
Highest Stream order	5
Max elevation	1181.0 m
Min elevation	793.0 m
Mean bifurcation ratio	2.6462
Stream frequency	88.4610 per km ²
Relief	388.00 m
Drainage density	12.6380 km/km ²
Length of overland flow	39.564 m

CATCHMENT CLIMATOLOGY

