

## Umaria Dam

Location	22.7733° N, 74.0675° E
State	Gujarat
Nearest City	Limkheda
Year of Completion	1992
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Mahi
River	Hadaf
Dam Type	Other
Height above lowest foundation level	22.0 m
Dam length	41.0 m
Reservoir Area	2360000.0 m <sup>2</sup>
Gross storage capacity	13530000.0 m <sup>3</sup>
Effective storage capacity	11670000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	74.1 km <sup>2</sup>
Perimeter of catchment	45.4 km
Basin Length	16933.0 m
Form factor	0.25858
Circularity ratio	0.45309
Elongation ratio	0.57359
Highest Stream order	6
Max elevation	484.0 m
Min elevation	259.0 m
Mean bifurcation ratio	2.2010
Stream frequency	76.6420 per km <sup>2</sup>
Relief	225.00 m
Drainage density	10.4380 km/km <sup>2</sup>
Length of overland flow	47.902 m

## CATCHMENT CLIMATOLOGY

