

## Upper Manar Dam

Location	18.8303° N, 77.3125° E
State	Maharashtra
Nearest City	Kardhar
Year of Completion	2004
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Manyad
Dam Type	Earthfill Embankment
Height above lowest foundation level	36.6 m
Dam length	1252.0 m
Reservoir Area	3245000.0 m <sup>2</sup>
Gross storage capacity	107990000.0 m <sup>3</sup>
Effective storage capacity	75710000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	14.8 km <sup>2</sup>
Perimeter of catchment	24.1 km
Basin Length	9316.8 m
Form factor	0.17026
Circularity ratio	0.31892
Elongation ratio	0.46544
Highest Stream order	5
Max elevation	507.0 m
Min elevation	375.0 m
Mean bifurcation ratio	2.3252
Stream frequency	80.5190 per km <sup>2</sup>
Relief	132.00 m
Drainage density	11.3830 km/km <sup>2</sup>
Length of overland flow	43.926 m

## CATCHMENT CLIMATOLOGY

