

## Manar Dam

Location	18.8311° N, 77.3108° E
State	Maharashtra
Nearest City	Kandahar
Year of Completion	1968
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Manar
Dam Type	Earthfill Embankment
Height above lowest foundation level	27.0 m
Dam length	2592.0 m
Reservoir Area	2559000.0 m <sup>2</sup>
Gross storage capacity	146920000.0 m <sup>3</sup>
Effective storage capacity	138210000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	14.8 km <sup>2</sup>
Perimeter of catchment	24.0 km
Basin Length	9245.2 m
Form factor	0.17270
Circularity ratio	0.32089
Elongation ratio	0.46876
Highest Stream order	5
Max elevation	508.0 m
Min elevation	375.0 m
Mean bifurcation ratio	2.3489
Stream frequency	81.4300 per km <sup>2</sup>
Relief	133.00 m
Drainage density	11.5820 km/km <sup>2</sup>
Length of overland flow	43.171 m

## CATCHMENT CLIMATOLOGY

