

## Malkunji Dam

Location	18.1206° N, 76.4717° E
State	Maharashtra
Nearest City	Ausa
Year of Completion	1981
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.0 m
Dam length	103.0 m
Reservoir Area	564000.0 m <sup>2</sup>
Gross storage capacity	1738000.0 m <sup>3</sup>
Effective storage capacity	1603000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	13.0 km <sup>2</sup>
Perimeter of catchment	14.3 km
Basin Length	4699.1 m
Form factor	0.58886
Circularity ratio	0.79574
Elongation ratio	0.86559
Highest Stream order	5
Max elevation	656.0 m
Min elevation	606.0 m
Mean bifurcation ratio	11.3000
Stream frequency	74.2140 per km <sup>2</sup>
Relief	50.00 m
Drainage density	10.1830 km/km <sup>2</sup>
Length of overland flow	49.101 m

## CATCHMENT CLIMATOLOGY

