

## Marnewadi Dam

Location	18.4783° N, 73.6372° E
State	Maharashtra
Nearest City	Mulshi
Year of Completion	1998
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.3 m
Dam length	430.0 m
Reservoir Area	112380.0 m <sup>2</sup>
Gross storage capacity	822000.0 m <sup>3</sup>
Effective storage capacity	792000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.5 km <sup>2</sup>
Perimeter of catchment	8.5 km
Basin Length	2122.6 m
Form factor	0.99993
Circularity ratio	0.78422
Elongation ratio	1.12800
Highest Stream order	4
Max elevation	946.0 m
Min elevation	664.0 m
Mean bifurcation ratio	2.8201
Stream frequency	91.6760 per km <sup>2</sup>
Relief	282.00 m
Drainage density	13.5500 km/km <sup>2</sup>
Length of overland flow	36.900 m

## CATCHMENT CLIMATOLOGY

