

## Masalwadi Dam

Location	17.6714° N, 74.8383° E
State	Maharashtra
Nearest City	Man
Year of Completion	1973
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.3 m
Dam length	463.0 m
Reservoir Area	708000.0 m <sup>2</sup>
Gross storage capacity	2410000.0 m <sup>3</sup>
Effective storage capacity	2020000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	56.2 km <sup>2</sup>
Perimeter of catchment	42.1 km
Basin Length	12606.0 m
Form factor	0.35344
Circularity ratio	0.39901
Elongation ratio	0.67061
Highest Stream order	6
Max elevation	765.0 m
Min elevation	609.0 m
Mean bifurcation ratio	2.1282
Stream frequency	77.3210 per km <sup>2</sup>
Relief	156.00 m
Drainage density	10.8190 km/km <sup>2</sup>
Length of overland flow	46.214 m

## CATCHMENT CLIMATOLOGY

