

## Kasmalwadi Dam

Location	17.8439° N, 76.4969° E
State	Maharashtra
Nearest City	Umaiga
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	12.1 m
Dam length	335.0 m
Reservoir Area	150000.0 m <sup>2</sup>
Gross storage capacity	737000.0 m <sup>3</sup>
Effective storage capacity	664000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	30.5 km <sup>2</sup>
Perimeter of catchment	26.3 km
Basin Length	9892.9 m
Form factor	0.31145
Circularity ratio	0.55606
Elongation ratio	0.62951
Highest Stream order	6
Max elevation	654.0 m
Min elevation	587.0 m
Mean bifurcation ratio	2.5526
Stream frequency	72.8640 per km <sup>2</sup>
Relief	67.00 m
Drainage density	10.0360 km/km <sup>2</sup>
Length of overland flow	49.819 m

## CATCHMENT CLIMATOLOGY

