

## Walkeshwar Dam

Location	20.9692° N, 79.9761° E
State	Maharashtra
Nearest City	Nagpur
Year of Completion	1991
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.5 m
Dam length	1422.0 m
Reservoir Area	96350.0 m <sup>2</sup>
Gross storage capacity	2131000.0 m <sup>3</sup>
Effective storage capacity	2074000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.9 km <sup>2</sup>
Perimeter of catchment	7.1 km
Basin Length	2469.7 m
Form factor	0.47012
Circularity ratio	0.72508
Elongation ratio	0.77342
Highest Stream order	4
Max elevation	259.0 m
Min elevation	241.0 m
Mean bifurcation ratio	2.4317
Stream frequency	73.2330 per km <sup>2</sup>
Relief	18.00 m
Drainage density	9.7710 km/km <sup>2</sup>
Length of overland flow	51.171 m

## CATCHMENT CLIMATOLOGY

