

Malwadi Dam

Location	19.7744° N, 74.2144° E
State	Maharashtra
Nearest City	Sinnar.
Year of Completion	1975
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	1993.0 m
Reservoir Area	814000.0 m ²
Gross storage capacity	2000000.0 m ³
Effective storage capacity	1560000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	41.5 km ²
Perimeter of catchment	36.8 km
Basin Length	14581.0 m
Form factor	0.19513
Circularity ratio	0.38422
Elongation ratio	0.49827
Highest Stream order	6
Max elevation	837.0 m
Min elevation	582.0 m
Mean bifurcation ratio	12.1520
Stream frequency	76.6310 per km ²
Relief	255.00 m
Drainage density	10.7060 km/km ²
Length of overland flow	46.703 m

CATCHMENT CLIMATOLOGY

