

Malawandi Dam

Location	18.6539° N, 73.5153° E
State	Maharashtra
Nearest City	Maval
Year of Completion	2000
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	20.4 m
Dam length	410.0 m
Reservoir Area	525200.0 m ²
Gross storage capacity	3680000.0 m ³
Effective storage capacity	2247000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	10.9 km ²
Perimeter of catchment	12.6 km
Basin Length	4032.5 m
Form factor	0.66902
Circularity ratio	0.86795
Elongation ratio	0.92263
Highest Stream order	5
Max elevation	1202.0 m
Min elevation	589.0 m
Mean bifurcation ratio	3.0189
Stream frequency	91.0950 per km ²
Relief	613.00 m
Drainage density	13.6150 km/km ²
Length of overland flow	36.724 m

CATCHMENT CLIMATOLOGY

