

Lohatwadi Dam

Location	20.4847° N, 77.7900° E
State	Maharashtra
Nearest City	Ner
Year of Completion	1978
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.3 m
Dam length	447.0 m
Reservoir Area	673000.0 m ²
Gross storage capacity	1100000.0 m ³
Effective storage capacity	1010000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	6.7 km ²
Perimeter of catchment	11.4 km
Basin Length	3590.7 m
Form factor	0.51900
Circularity ratio	0.65136
Elongation ratio	0.81263
Highest Stream order	5
Max elevation	403.0 m
Min elevation	338.0 m
Mean bifurcation ratio	3.2389
Stream frequency	76.6630 per km ²
Relief	65.00 m
Drainage density	10.3850 km/km ²
Length of overland flow	48.145 m

CATCHMENT CLIMATOLOGY

