

Kolwali Dam

Location	18.5347° N, 74.0178° E
State	Maharashtra
Nearest City	Lonawala
Year of Completion	2000
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Mula
Dam Type	Earthfill Embankment
Height above lowest foundation level	43.5 m
Dam length	317.0 m
Reservoir Area	1388000.0 m ²
Gross storage capacity	2170000.0 m ³
Effective storage capacity	2100000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.7 km ²
Perimeter of catchment	11.1 km
Basin Length	4461.1 m
Form factor	0.23639
Circularity ratio	0.47950
Elongation ratio	0.54843
Highest Stream order	5
Max elevation	572.0 m
Min elevation	537.0 m
Mean bifurcation ratio	1.9966
Stream frequency	72.2720 per km ²
Relief	35.00 m
Drainage density	9.9250 km/km ²
Length of overland flow	50.380 m

CATCHMENT CLIMATOLOGY

