

Lonimawala Dam

Location	19.0172° N, 74.2811° E
State	Maharashtra
Nearest City	Parner
Year of Completion	1981
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.0 m
Dam length	958.0 m
Reservoir Area	46000.0 m ²
Gross storage capacity	1080000.0 m ³
Effective storage capacity	880000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	23.8 km ²
Perimeter of catchment	23.3 km
Basin Length	8641.5 m
Form factor	0.31919
Circularity ratio	0.55250
Elongation ratio	0.63728
Highest Stream order	5
Max elevation	889.0 m
Min elevation	629.0 m
Mean bifurcation ratio	5.1300
Stream frequency	77.7000 per km ²
Relief	260.00 m
Drainage density	10.9680 km/km ²
Length of overland flow	45.589 m

CATCHMENT CLIMATOLOGY

