

Lower Ghatghar Dam

Location	19.5281° N, 73.6467° E
State	Maharashtra
Nearest City	Shahapur
Year of Completion	2007
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Shahi Nalla
Dam Type	Other
Height above lowest foundation level	86.1 m
Dam length	449.0 m
Reservoir Area	131000.0 m ²
Gross storage capacity	3210000.0 m ³
Effective storage capacity	2730000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.5 km ²
Perimeter of catchment	9.2 km
Basin Length	2316.9 m
Form factor	0.84564
Circularity ratio	0.68033
Elongation ratio	1.03730
Highest Stream order	4
Max elevation	928.0 m
Min elevation	241.0 m
Mean bifurcation ratio	3.2782
Stream frequency	94.9440 per km ²
Relief	687.00 m
Drainage density	14.1460 km/km ²
Length of overland flow	35.346 m

CATCHMENT CLIMATOLOGY

