

Ghorale Dam

Location	19.2608° N, 73.3378° E
State	Maharashtra
Nearest City	Murbad
Year of Completion	Not Available
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	22.6 m
Dam length	418.0 m
Reservoir Area	198900.0 m ²
Gross storage capacity	150127000.0 m ³
Effective storage capacity	1324000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	7.7 km ²
Perimeter of catchment	13.2 km
Basin Length	3747.7 m
Form factor	0.54538
Circularity ratio	0.55062
Elongation ratio	0.83303
Highest Stream order	4
Max elevation	151.0 m
Min elevation	49.0 m
Mean bifurcation ratio	2.5157
Stream frequency	68.7990 per km ²
Relief	102.00 m
Drainage density	8.8670 km/km ²
Length of overland flow	56.388 m

CATCHMENT CLIMATOLOGY

