

Hardkhale Dam

Location	16.8208° N, 73.6744° E
State	Maharashtra
Nearest City	Lanja
Year of Completion	1996
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	23.3 m
Dam length	377.0 m
Reservoir Area	326200.0 m ²
Gross storage capacity	2053000.0 m ³
Effective storage capacity	1984000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.1 km ²
Perimeter of catchment	9.5 km
Basin Length	3681.2 m
Form factor	0.30478
Circularity ratio	0.57664
Elongation ratio	0.62273
Highest Stream order	4
Max elevation	451.0 m
Min elevation	106.0 m
Mean bifurcation ratio	2.6909
Stream frequency	78.6920 per km ²
Relief	345.00 m
Drainage density	11.2840 km/km ²
Length of overland flow	44.311 m

CATCHMENT CLIMATOLOGY

