

Karle Dam

Location	18.1419° N, 73.0000° E
State	Maharashtra
Nearest City	Shriwardhan
Year of Completion	1984
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	23.5 m
Dam length	413.0 m
Reservoir Area	580000.0 m ²
Gross storage capacity	2084000.0 m ³
Effective storage capacity	2050000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	27.4 km ²
Perimeter of catchment	22.7 km
Basin Length	7325.5 m
Form factor	0.51020
Circularity ratio	0.66504
Elongation ratio	0.80571
Highest Stream order	6
Max elevation	274.0 m
Min elevation	4.0 m
Mean bifurcation ratio	2.7722
Stream frequency	86.4530 per km ²
Relief	270.00 m
Drainage density	12.9940 km/km ²
Length of overland flow	38.480 m

CATCHMENT CLIMATOLOGY

Data not available.