

Karla (Karla) Dam

Location	17.9872° N, 76.5703° E
State	Maharashtra
Nearest City	Ausa
Year of Completion	1973
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.4 m
Dam length	877.0 m
Reservoir Area	560000.0 m ²
Gross storage capacity	1639000.0 m ³
Effective storage capacity	1507000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	1.5 km ²
Perimeter of catchment	5.0 km
Basin Length	1097.1 m
Form factor	1.25650
Circularity ratio	0.77152
Elongation ratio	1.26440
Highest Stream order	3
Max elevation	629.0 m
Min elevation	604.0 m
Mean bifurcation ratio	3.3078
Stream frequency	78.0330 per km ²
Relief	25.00 m
Drainage density	10.3420 km/km ²
Length of overland flow	48.349 m

CATCHMENT CLIMATOLOGY

