

Karanjalipada Dam

Location	20.4122° N, 73.7325° E
State	Maharashtra
Nearest City	Dindori.
Year of Completion	1986
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	22.6 m
Dam length	570.0 m
Reservoir Area	266000.0 m ²
Gross storage capacity	1867000.0 m ³
Effective storage capacity	1827000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.4 km ²
Perimeter of catchment	10.6 km
Basin Length	4079.6 m
Form factor	0.26553
Circularity ratio	0.49810
Elongation ratio	0.58126
Highest Stream order	4
Max elevation	894.0 m
Min elevation	716.0 m
Mean bifurcation ratio	2.4716
Stream frequency	79.8780 per km ²
Relief	178.00 m
Drainage density	10.6450 km/km ²
Length of overland flow	46.972 m

CATCHMENT CLIMATOLOGY

