

Karandewadi Dam

Location	17.3656° N, 74.2822° E
State	Maharashtra
Nearest City	Khanapur.
Year of Completion	1995
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.5 m
Dam length	124.0 m
Reservoir Area	126900.0 m ²
Gross storage capacity	1374000.0 m ³
Effective storage capacity	1283000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	9.1 km ²
Perimeter of catchment	14.7 km
Basin Length	3889.4 m
Form factor	0.59857
Circularity ratio	0.52373
Elongation ratio	0.87270
Highest Stream order	5
Max elevation	835.0 m
Min elevation	713.0 m
Mean bifurcation ratio	4.4848
Stream frequency	83.9320 per km ²
Relief	122.00 m
Drainage density	11.8720 km/km ²
Length of overland flow	42.117 m

CATCHMENT CLIMATOLOGY

