

Mankarnika Dam

Location	18.0817° N, 75.9692° E
State	Maharashtra
Nearest City	Beed
Year of Completion	1997
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.3 m
Dam length	2160.0 m
Reservoir Area	3770000.0 m ²
Gross storage capacity	11593000.0 m ³
Effective storage capacity	11190000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.3 km ²
Perimeter of catchment	7.6 km
Basin Length	2022.0 m
Form factor	0.80775
Circularity ratio	0.71291
Elongation ratio	1.01380
Highest Stream order	5
Max elevation	552.0 m
Min elevation	529.0 m
Mean bifurcation ratio	3.0735
Stream frequency	66.6170 per km ²
Relief	23.00 m
Drainage density	8.3700 km/km ²
Length of overland flow	59.737 m

CATCHMENT CLIMATOLOGY

