

Khanapur (Kolhapur) Dam

Location	16.0894° N, 74.1769° E
State	Maharashtra
Nearest City	Ajara
Year of Completion	1988
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	21.4 m
Dam length	240.0 m
Reservoir Area	167000.0 m ²
Gross storage capacity	840000.0 m ³
Effective storage capacity	820000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	1.8 km ²
Perimeter of catchment	6.3 km
Basin Length	1831.3 m
Form factor	0.52895
Circularity ratio	0.55902
Elongation ratio	0.82039
Highest Stream order	4
Max elevation	866.0 m
Min elevation	663.0 m
Mean bifurcation ratio	2.9800
Stream frequency	90.1990 per km ²
Relief	203.00 m
Drainage density	12.7100 km/km ²
Length of overland flow	39.340 m

CATCHMENT CLIMATOLOGY

