

Kudnur Dam

Location	15.9772° N, 74.4244° E
State	Maharashtra
Nearest City	Chandagad
Year of Completion	2005
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	21.0 m
Dam length	316.0 m
Reservoir Area	217160.0 m ²
Gross storage capacity	1195000.0 m ³
Effective storage capacity	1141000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	45.2 km ²
Perimeter of catchment	33.3 km
Basin Length	7542.6 m
Form factor	0.79460
Circularity ratio	0.51398
Elongation ratio	1.00550
Highest Stream order	6
Max elevation	938.0 m
Min elevation	710.0 m
Mean bifurcation ratio	7.7789
Stream frequency	83.6840 per km ²
Relief	228.00 m
Drainage density	12.4290 km/km ²
Length of overland flow	40.229 m

CATCHMENT CLIMATOLOGY

