

Kolhigolar Dam

Location	20.7375° N, 76.0667° E
State	Maharashtra
Nearest City	Motala
Year of Completion	1979
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.1 m
Dam length	856.0 m
Reservoir Area	518220.0 m ²
Gross storage capacity	1720000.0 m ³
Effective storage capacity	1610000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	10.9 km ²
Perimeter of catchment	17.3 km
Basin Length	6586.1 m
Form factor	0.25189
Circularity ratio	0.45690
Elongation ratio	0.56612
Highest Stream order	5
Max elevation	397.0 m
Min elevation	314.0 m
Mean bifurcation ratio	2.2476
Stream frequency	77.4290 per km ²
Relief	83.00 m
Drainage density	10.5940 km/km ²
Length of overland flow	47.195 m

CATCHMENT CLIMATOLOGY

