

Kolki Dam

Location	21.5456° N, 75.1772° E
State	Madhya Pradesh
Nearest City	Barwani
Year of Completion	1983
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Tapi
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.7 m
Dam length	314.0 m
Reservoir Area	180000.0 m ²
Gross storage capacity	908000.0 m ³
Effective storage capacity	820000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5.3 km ²
Perimeter of catchment	12.6 km
Basin Length	4692.3 m
Form factor	0.24171
Circularity ratio	0.42413
Elongation ratio	0.55457
Highest Stream order	4
Max elevation	619.0 m
Min elevation	407.0 m
Mean bifurcation ratio	3.4541
Stream frequency	78.9210 per km ²
Relief	212.00 m
Drainage density	11.1650 km/km ²
Length of overland flow	44.782 m

CATCHMENT CLIMATOLOGY

