

Methi Dam

Location	21.2158° N, 74.6286° E
State	Maharashtra
Nearest City	Sindkheda
Year of Completion	1992
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.0 m
Dam length	2200.0 m
Reservoir Area	210000.0 m ²
Gross storage capacity	980000.0 m ³
Effective storage capacity	840000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.6 km ²
Perimeter of catchment	9.7 km
Basin Length	3580.1 m
Form factor	0.27948
Circularity ratio	0.48271
Elongation ratio	0.59632
Highest Stream order	4
Max elevation	281.0 m
Min elevation	223.0 m
Mean bifurcation ratio	2.3258
Stream frequency	77.3280 per km ²
Relief	58.00 m
Drainage density	9.9820 km/km ²
Length of overland flow	50.091 m

CATCHMENT CLIMATOLOGY

