

Abhanpur Dam

Location	21.4600° N, 74.7039° E
State	Maharashtra
Nearest City	Shirpur
Year of Completion	2004
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	26.0 m
Dam length	637000.0 m
Reservoir Area	46657.0 m ²
Gross storage capacity	3663000.0 m ³
Effective storage capacity	2735000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	7.9 km ²
Perimeter of catchment	12.9 km
Basin Length	4050.6 m
Form factor	0.48135
Circularity ratio	0.59690
Elongation ratio	0.78260
Highest Stream order	5
Max elevation	339.0 m
Min elevation	183.0 m
Mean bifurcation ratio	3.7438
Stream frequency	82.0490 per km ²
Relief	156.00 m
Drainage density	11.3100 km/km ²
Length of overland flow	44.207 m

CATCHMENT CLIMATOLOGY

