

Shahanoor Dam

Location	21.4775° N, 77.0986° E
State	Maharashtra
Nearest City	Achalpur
Year of Completion	1990
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Shahanoor
Dam Type	Earthfill Embankment
Height above lowest foundation level	56.5 m
Dam length	828.0 m
Reservoir Area	2970000.0 m ²
Gross storage capacity	47850000.0 m ³
Effective storage capacity	46040000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	23.1 km ²
Perimeter of catchment	22.2 km
Basin Length	6206.3 m
Form factor	0.60081
Circularity ratio	0.58774
Elongation ratio	0.87433
Highest Stream order	6
Max elevation	657.0 m
Min elevation	424.0 m
Mean bifurcation ratio	5.0289
Stream frequency	75.7070 per km ²
Relief	233.00 m
Drainage density	10.2040 km/km ²
Length of overland flow	49.002 m

CATCHMENT CLIMATOLOGY

