

Sapan Dam

Location	21.3694° N, 77.4706° E
State	Maharashtra
Nearest City	Achalpur
Year of Completion	2010
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Sapan
Dam Type	Earthfill Embankment
Height above lowest foundation level	55.3 m
Dam length	995.0 m
Reservoir Area	20350.0 m ²
Gross storage capacity	39260000.0 m ³
Effective storage capacity	38600000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	44.6 km ²
Perimeter of catchment	31.5 km
Basin Length	12425.0 m
Form factor	0.28888
Circularity ratio	0.56471
Elongation ratio	0.60628
Highest Stream order	6
Max elevation	1045.0 m
Min elevation	472.0 m
Mean bifurcation ratio	2.3073
Stream frequency	84.6270 per km ²
Relief	573.00 m
Drainage density	12.2850 km/km ²
Length of overland flow	40.699 m

CATCHMENT CLIMATOLOGY

