

Sawarpani Dam

Location	21.2333° N, 77.2269° E
State	Maharashtra
Nearest City	Anjangaon
Year of Completion	1970
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.2 m
Dam length	155.0 m
Reservoir Area	304000.0 m ²
Gross storage capacity	680000.0 m ³
Effective storage capacity	608000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5.9 km ²
Perimeter of catchment	11.3 km
Basin Length	3575.5 m
Form factor	0.45840
Circularity ratio	0.57889
Elongation ratio	0.76371
Highest Stream order	4
Max elevation	701.0 m
Min elevation	410.0 m
Mean bifurcation ratio	2.4649
Stream frequency	79.0070 per km ²
Relief	291.00 m
Drainage density	10.8700 km/km ²
Length of overland flow	46.000 m

CATCHMENT CLIMATOLOGY

