

Salai Dam

Location	21.4667° N, 76.8667° E
State	Maharashtra
Nearest City	Melghat
Year of Completion	1982
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.2 m
Dam length	496.0 m
Reservoir Area	372400.0 m ²
Gross storage capacity	1453000.0 m ³
Effective storage capacity	1405000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.5 km ²
Perimeter of catchment	9.1 km
Basin Length	2806.0 m
Form factor	0.57286
Circularity ratio	0.68401
Elongation ratio	0.85375
Highest Stream order	5
Max elevation	474.0 m
Min elevation	334.0 m
Mean bifurcation ratio	3.0267
Stream frequency	78.7040 per km ²
Relief	140.00 m
Drainage density	10.2560 km/km ²
Length of overland flow	48.752 m

CATCHMENT CLIMATOLOGY

