

Sawarkhed Dam

Location	20.4792° N, 77.2733° E
State	Maharashtra
Nearest City	Barshi Takali
Year of Completion	1979
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.4 m
Dam length	660.0 m
Reservoir Area	445000.0 m ²
Gross storage capacity	1660000.0 m ³
Effective storage capacity	1530000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	13.7 km ²
Perimeter of catchment	18.9 km
Basin Length	8305.8 m
Form factor	0.19920
Circularity ratio	0.48454
Elongation ratio	0.50345
Highest Stream order	5
Max elevation	449.0 m
Min elevation	344.0 m
Mean bifurcation ratio	2.1491
Stream frequency	81.8650 per km ²
Relief	105.00 m
Drainage density	11.7310 km/km ²
Length of overland flow	42.623 m

CATCHMENT CLIMATOLOGY

