

Sawladbara Dam

Location	20.5806° N, 75.9800° E
State	Maharashtra
Nearest City	Soyegaon
Year of Completion	Not Available
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.4 m
Dam length	1680.0 m
Reservoir Area	2702.0 m ²
Gross storage capacity	1834000.0 m ³
Effective storage capacity	1642000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	14.5 km ²
Perimeter of catchment	19.5 km
Basin Length	6743.1 m
Form factor	0.31875
Circularity ratio	0.48150
Elongation ratio	0.63685
Highest Stream order	5
Max elevation	722.0 m
Min elevation	395.0 m
Mean bifurcation ratio	2.6132
Stream frequency	83.4870 per km ²
Relief	327.00 m
Drainage density	12.0270 km/km ²
Length of overland flow	41.572 m

CATCHMENT CLIMATOLOGY

