

Sawalikheda Dam

Location	21.3544° N, 76.6939° E
State	Maharashtra
Nearest City	Dharni
Year of Completion	1976
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.8 m
Dam length	255.0 m
Reservoir Area	550000.0 m ²
Gross storage capacity	1249000.0 m ³
Effective storage capacity	1183000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.3 km ²
Perimeter of catchment	9.3 km
Basin Length	3277.4 m
Form factor	0.40198
Circularity ratio	0.62274
Elongation ratio	0.71517
Highest Stream order	4
Max elevation	605.0 m
Min elevation	351.0 m
Mean bifurcation ratio	3.3760
Stream frequency	85.4620 per km ²
Relief	254.00 m
Drainage density	11.4850 km/km ²
Length of overland flow	43.533 m

CATCHMENT CLIMATOLOGY

