

Soygaon Dam

Location	20.5639° N, 75.6114° E
State	Maharashtra
Nearest City	Soyegaon
Year of Completion	1967
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.5 m
Dam length	837.0 m
Reservoir Area	560000.0 m ²
Gross storage capacity	2544000.0 m ³
Effective storage capacity	2297000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	29.3 km ²
Perimeter of catchment	23.4 km
Basin Length	7518.0 m
Form factor	0.51850
Circularity ratio	0.67308
Elongation ratio	0.81224
Highest Stream order	5
Max elevation	790.0 m
Min elevation	403.0 m
Mean bifurcation ratio	2.6710
Stream frequency	82.8500 per km ²
Relief	387.00 m
Drainage density	11.6570 km/km ²
Length of overland flow	42.894 m

CATCHMENT CLIMATOLOGY

