

Shahapur Dam

Location	21.1933° N, 77.0094° E
State	Maharashtra
Nearest City	Akot
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	17.1 m
Dam length	5510.0 m
Reservoir Area	2700000.0 m ²
Gross storage capacity	7790000.0 m ³
Effective storage capacity	7790000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	15.1 km ²
Perimeter of catchment	20.8 km
Basin Length	6724.5 m
Form factor	0.33332
Circularity ratio	0.43604
Elongation ratio	0.65124
Highest Stream order	5
Max elevation	866.0 m
Min elevation	381.0 m
Mean bifurcation ratio	2.4642
Stream frequency	80.0150 per km ²
Relief	485.00 m
Drainage density	11.1630 km/km ²
Length of overland flow	44.791 m

CATCHMENT CLIMATOLOGY

