

Satgaon Dam

Location	20.5236° N, 75.4039° E
State	Maharashtra
Nearest City	Pachora
Year of Completion	1981
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.2 m
Dam length	1770.0 m
Reservoir Area	600000.0 m ²
Gross storage capacity	1386000.0 m ³
Effective storage capacity	1290000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	10.6 km ²
Perimeter of catchment	15.2 km
Basin Length	5844.1 m
Form factor	0.31115
Circularity ratio	0.57702
Elongation ratio	0.62921
Highest Stream order	5
Max elevation	728.0 m
Min elevation	316.0 m
Mean bifurcation ratio	2.7095
Stream frequency	82.6210 per km ²
Relief	412.00 m
Drainage density	11.2400 km/km ²
Length of overland flow	44.483 m

CATCHMENT CLIMATOLOGY

