

Sajgaon Mohadi Dam

Location	20.7108° N, 75.4594° E
State	Maharashtra
Nearest City	Pachora
Year of Completion	2009
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.3 m
Dam length	1590.0 m
Reservoir Area	782230.0 m ²
Gross storage capacity	974190.0 m ³
Effective storage capacity	812000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5.6 km ²
Perimeter of catchment	10.7 km
Basin Length	3862.2 m
Form factor	0.37228
Circularity ratio	0.60687
Elongation ratio	0.68824
Highest Stream order	4
Max elevation	301.0 m
Min elevation	268.0 m
Mean bifurcation ratio	2.3404
Stream frequency	68.2490 per km ²
Relief	33.00 m
Drainage density	8.6720 km/km ²
Length of overland flow	57.660 m

CATCHMENT CLIMATOLOGY

