

Sawarkheda Dam

Location	20.7486° N, 75.0692° E
State	Maharashtra
Nearest City	Parola
Year of Completion	1994
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.6 m
Dam length	1550.0 m
Reservoir Area	1420000.0 m ²
Gross storage capacity	2156000.0 m ³
Effective storage capacity	1903000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	28.0 km ²
Perimeter of catchment	25.4 km
Basin Length	7610.8 m
Form factor	0.48309
Circularity ratio	0.54460
Elongation ratio	0.78401
Highest Stream order	6
Max elevation	354.0 m
Min elevation	265.0 m
Mean bifurcation ratio	2.3423
Stream frequency	72.5810 per km ²
Relief	89.00 m
Drainage density	9.7260 km/km ²
Length of overland flow	51.410 m

CATCHMENT CLIMATOLOGY

