

Shiwan Dam

Location	21.3172° N, 75.1972° E
State	Maharashtra
Nearest City	Nandurbar
Year of Completion	2007
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Shivan
Dam Type	Other
Height above lowest foundation level	28.1 m
Dam length	975.0 m
Reservoir Area	3010000.0 m ²
Gross storage capacity	24190000.0 m ³
Effective storage capacity	20655000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.3 km ²
Perimeter of catchment	6.8 km
Basin Length	2130.0 m
Form factor	0.50331
Circularity ratio	0.62802
Elongation ratio	0.80025
Highest Stream order	4
Max elevation	352.0 m
Min elevation	236.0 m
Mean bifurcation ratio	2.9114
Stream frequency	84.5230 per km ²
Relief	116.00 m
Drainage density	11.1340 km/km ²
Length of overland flow	44.907 m

CATCHMENT CLIMATOLOGY

