

Wakwad Dam

Location	21.1167° N, 74.7781° E
State	Maharashtra
Nearest City	Shirpur
Year of Completion	1977
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	28.6 m
Dam length	315.0 m
Reservoir Area	400000.0 m ²
Gross storage capacity	2910000.0 m ³
Effective storage capacity	2670000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	18.0 km ²
Perimeter of catchment	20.5 km
Basin Length	8122.8 m
Form factor	0.27248
Circularity ratio	0.53898
Elongation ratio	0.58881
Highest Stream order	5
Max elevation	295.0 m
Min elevation	223.0 m
Mean bifurcation ratio	2.2496
Stream frequency	75.7580 per km ²
Relief	72.00 m
Drainage density	10.0780 km/km ²
Length of overland flow	49.613 m

CATCHMENT CLIMATOLOGY

