

Yeklara Dam

Location	20.4072° N, 78.4403° E
State	Maharashtra
Nearest City	Ralegaon
Year of Completion	1978
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.3 m
Dam length	933.0 m
Reservoir Area	985000.0 m ²
Gross storage capacity	1660000.0 m ³
Effective storage capacity	1560000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	10.7 km ²
Perimeter of catchment	14.3 km
Basin Length	5120.4 m
Form factor	0.40848
Circularity ratio	0.66143
Elongation ratio	0.72093
Highest Stream order	5
Max elevation	407.0 m
Min elevation	275.0 m
Mean bifurcation ratio	2.5392
Stream frequency	75.7260 per km ²
Relief	132.00 m
Drainage density	10.3690 km/km ²
Length of overland flow	48.223 m

CATCHMENT CLIMATOLOGY

