

Eklara Dam

Location	20.4042° N, 78.4333° E
State	Maharashtra
Nearest City	Ralegaon
Year of Completion	1975
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.6 m
Dam length	700.0 m
Reservoir Area	97990.0 m ²
Gross storage capacity	1660000.0 m ³
Effective storage capacity	1560000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	8.7 km ²
Perimeter of catchment	12.8 km
Basin Length	4364.1 m
Form factor	0.45571
Circularity ratio	0.66354
Elongation ratio	0.76147
Highest Stream order	4
Max elevation	407.0 m
Min elevation	276.0 m
Mean bifurcation ratio	2.4788
Stream frequency	77.4270 per km ²
Relief	131.00 m
Drainage density	10.3040 km/km ²
Length of overland flow	48.523 m

CATCHMENT CLIMATOLOGY

