

Kolyachiwadi Dam

Location	19.3981° N, 74.4503° E
State	Maharashtra
Nearest City	Rahuri
Year of Completion	1980
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.9 m
Dam length	414.0 m
Reservoir Area	290000.0 m ²
Gross storage capacity	1090000.0 m ³
Effective storage capacity	850000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	24.6 km ²
Perimeter of catchment	22.8 km
Basin Length	8115.7 m
Form factor	0.37374
Circularity ratio	0.59496
Elongation ratio	0.68959
Highest Stream order	5
Max elevation	733.0 m
Min elevation	584.0 m
Mean bifurcation ratio	2.7358
Stream frequency	76.9410 per km ²
Relief	149.00 m
Drainage density	10.7330 km/km ²
Length of overland flow	46.584 m

CATCHMENT CLIMATOLOGY

