

Kalpatri Dam

Location	21.2633° N, 80.2483° E
State	Maharashtra
Nearest City	Goregaon
Year of Completion	2009
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	22.2 m
Dam length	2220.0 m
Reservoir Area	3920000.0 m ²
Gross storage capacity	8600000.0 m ³
Effective storage capacity	6590000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	36.2 km ²
Perimeter of catchment	28.1 km
Basin Length	10445.0 m
Form factor	0.33225
Circularity ratio	0.57716
Elongation ratio	0.65019
Highest Stream order	5
Max elevation	404.0 m
Min elevation	326.0 m
Mean bifurcation ratio	2.1311
Stream frequency	67.8690 per km ²
Relief	78.00 m
Drainage density	8.5500 km/km ²
Length of overland flow	58.477 m

CATCHMENT CLIMATOLOGY

