

Gautala Dam

Location	20.3022° N, 75.1417° E
State	Maharashtra
Nearest City	Kannad
Year of Completion	1972
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Gotala
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.6 m
Dam length	1147.0 m
Reservoir Area	498000.0 m ²
Gross storage capacity	1440000.0 m ³
Effective storage capacity	1320000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	9.3 km ²
Perimeter of catchment	15.5 km
Basin Length	4853.4 m
Form factor	0.39392
Circularity ratio	0.48634
Elongation ratio	0.70797
Highest Stream order	4
Max elevation	935.0 m
Min elevation	654.0 m
Mean bifurcation ratio	2.4754
Stream frequency	82.3350 per km ²
Relief	281.00 m
Drainage density	11.6170 km/km ²
Length of overland flow	43.042 m

CATCHMENT CLIMATOLOGY

