

Waigoul Dam

Location	20.1408° N, 77.6461° E
State	Maharashtra
Nearest City	Manora
Year of Completion	1996
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.9 m
Dam length	1226.0 m
Reservoir Area	124000.0 m ²
Gross storage capacity	2220000.0 m ³
Effective storage capacity	2050000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	8.6 km ²
Perimeter of catchment	12.6 km
Basin Length	4748.7 m
Form factor	0.38026
Circularity ratio	0.67409
Elongation ratio	0.69558
Highest Stream order	5
Max elevation	434.0 m
Min elevation	359.0 m
Mean bifurcation ratio	2.9368
Stream frequency	79.4180 per km ²
Relief	75.00 m
Drainage density	10.9010 km/km ²
Length of overland flow	45.869 m

CATCHMENT CLIMATOLOGY

