

Amal Nalla Dam

Location	19.6989° N, 79.1658° E
State	Maharashtra
Nearest City	Rajura
Year of Completion	1985
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Amalnala
Dam Type	Earthfill Embankment
Height above lowest foundation level	37.8 m
Dam length	1607.0 m
Reservoir Area	370300.0 m ²
Gross storage capacity	22350000.0 m ³
Effective storage capacity	22240000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	89.2 km ²
Perimeter of catchment	46.0 km
Basin Length	13554.0 m
Form factor	0.48550
Circularity ratio	0.53092
Elongation ratio	0.78596
Highest Stream order	6
Max elevation	541.0 m
Min elevation	256.0 m
Mean bifurcation ratio	2.3918
Stream frequency	79.3330 per km ²
Relief	285.00 m
Drainage density	11.2860 km/km ²
Length of overland flow	44.303 m

CATCHMENT CLIMATOLOGY

