

Pawanar Dam

Location	19.8631° N, 78.7950° E
State	Maharashtra
Nearest City	Zarijamni
Year of Completion	1991
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.2 m
Dam length	660.0 m
Reservoir Area	59510.0 m ²
Gross storage capacity	1180000.0 m ³
Effective storage capacity	1120000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5.1 km ²
Perimeter of catchment	8.8 km
Basin Length	2351.5 m
Form factor	0.91442
Circularity ratio	0.81941
Elongation ratio	1.07870
Highest Stream order	5
Max elevation	301.0 m
Min elevation	238.0 m
Mean bifurcation ratio	2.4877
Stream frequency	84.6430 per km ²
Relief	63.00 m
Drainage density	12.0770 km/km ²
Length of overland flow	41.401 m

CATCHMENT CLIMATOLOGY

