

Thanwar (Rajivsagar) Dam

Location	22.5900° N, 80.0642° E
State	Madhya Pradesh
Nearest City	Mandla
Year of Completion	1980
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Godavari
River	Thanwar
Dam Type	Composite Masonry and Earth fill
Height above lowest foundation level	27.1 m
Dam length	2130.0 m
Reservoir Area	24667000.0 m ²
Gross storage capacity	139200000.0 m ³
Effective storage capacity	123450000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.5 km ²
Perimeter of catchment	10.2 km
Basin Length	3235.7 m
Form factor	0.43075
Circularity ratio	0.54215
Elongation ratio	0.74032
Highest Stream order	4
Max elevation	511.0 m
Min elevation	470.0 m
Mean bifurcation ratio	2.7022
Stream frequency	100.4500 per km ²
Relief	41.00 m
Drainage density	14.8110 km/km ²
Length of overland flow	33.758 m

CATCHMENT CLIMATOLOGY

