

Sagar Nadi Dam

Location	22.1717° N, 79.6264° E
State	Madhya Pradesh
Nearest City	Seoni
Year of Completion	1966
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Godavari
River	Sagar Nadi
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.2 m
Dam length	1006.0 m
Reservoir Area	1140000.0 m ²
Gross storage capacity	5130000.0 m ³
Effective storage capacity	4730000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	29.0 km ²
Perimeter of catchment	23.1 km
Basin Length	5760.7 m
Form factor	0.87389
Circularity ratio	0.68352
Elongation ratio	1.05450
Highest Stream order	6
Max elevation	721.0 m
Min elevation	543.0 m
Mean bifurcation ratio	4.5534
Stream frequency	78.5510 per km ²
Relief	178.00 m
Drainage density	10.7060 km/km ²
Length of overland flow	46.702 m

CATCHMENT CLIMATOLOGY

