

Nahlesara Dam

Location	21.8203° N, 79.7872° E
State	Madhya Pradesh
Nearest City	Waraseoni
Year of Completion	1968
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Godavari
River	Chandan
Dam Type	Earthfill Embankment
Height above lowest foundation level	22.3 m
Dam length	2638.0 m
Reservoir Area	2297000.0 m ²
Gross storage capacity	16142000.0 m ³
Effective storage capacity	14528000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	75.0 km ²
Perimeter of catchment	45.4 km
Basin Length	12625.0 m
Form factor	0.47042
Circularity ratio	0.45699
Elongation ratio	0.77366
Highest Stream order	6
Max elevation	588.0 m
Min elevation	354.0 m
Mean bifurcation ratio	2.8638
Stream frequency	73.2200 per km ²
Relief	234.00 m
Drainage density	9.7400 km/km ²
Length of overland flow	51.334 m

CATCHMENT CLIMATOLOGY

