

Chaker Nalla Dam

Location	22.0625° N, 81.0167° E
State	Chhattisgarh
Nearest City	Kawardha
Year of Completion	1980
Operated and Maintained by	Chhattisgarh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.7 m
Dam length	900.0 m
Reservoir Area	142000.0 m ²
Gross storage capacity	403000.0 m ³
Effective storage capacity	375000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.6 km ²
Perimeter of catchment	10.1 km
Basin Length	3015.7 m
Form factor	0.50882
Circularity ratio	0.56841
Elongation ratio	0.80462
Highest Stream order	4
Max elevation	889.0 m
Min elevation	751.0 m
Mean bifurcation ratio	2.3683
Stream frequency	79.5240 per km ²
Relief	138.00 m
Drainage density	10.6440 km/km ²
Length of overland flow	46.977 m

CATCHMENT CLIMATOLOGY

