

Kinkari Nala T. Dam

Location	21.4547° N, 83.2994° E
State	Chhattisgarh
Nearest City	Sarangarh
Year of Completion	1982
Operated and Maintained by	Chhattisgarh Water Resources Department
River Basin	Mahanadi
River	Kinkari
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.7 m
Dam length	295.7 m
Reservoir Area	3578000.0 m ²
Gross storage capacity	16220000.0 m ³
Effective storage capacity	15715000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	44.5 km ²
Perimeter of catchment	34.5 km
Basin Length	9297.8 m
Form factor	0.51516
Circularity ratio	0.46997
Elongation ratio	0.80962
Highest Stream order	6
Max elevation	391.0 m
Min elevation	245.0 m
Mean bifurcation ratio	4.3006
Stream frequency	77.4220 per km ²
Relief	146.00 m
Drainage density	10.7880 km/km ²
Length of overland flow	46.346 m

CATCHMENT CLIMATOLOGY

