

Kurud Dam

Location	21.2644° N, 81.7944° E
State	Chhattisgarh
Nearest City	Raipur
Year of Completion	1909
Operated and Maintained by	Chhattisgarh Water Resources Department
River Basin	Mahanadi
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.2 m
Dam length	1981.0 m
Reservoir Area	105000.0 m ²
Gross storage capacity	26280000.0 m ³
Effective storage capacity	5710000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	9.2 km ²
Perimeter of catchment	19.0 km
Basin Length	6085.0 m
Form factor	0.24814
Circularity ratio	0.31909
Elongation ratio	0.56190
Highest Stream order	5
Max elevation	316.0 m
Min elevation	283.0 m
Mean bifurcation ratio	2.3338
Stream frequency	69.2220 per km ²
Relief	33.00 m
Drainage density	8.5450 km/km ²
Length of overland flow	58.515 m

CATCHMENT CLIMATOLOGY

