

Kokanitarai T. Dam

Location	21.9375° N, 83.3231° E
State	Chhattisgarh
Nearest City	Raigarh
Year of Completion	1991
Operated and Maintained by	Chhattisgarh Water Resources Department
River Basin	Mahanadi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.9 m
Dam length	1500.0 m
Reservoir Area	1170000.0 m ²
Gross storage capacity	2430000.0 m ³
Effective storage capacity	2050000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	17.0 km ²
Perimeter of catchment	19.4 km
Basin Length	5691.2 m
Form factor	0.52368
Circularity ratio	0.56750
Elongation ratio	0.81629
Highest Stream order	6
Max elevation	571.0 m
Min elevation	225.0 m
Mean bifurcation ratio	4.0663
Stream frequency	84.5430 per km ²
Relief	346.00 m
Drainage density	12.1060 km/km ²
Length of overland flow	41.303 m

CATCHMENT CLIMATOLOGY

