

Kalo Dam

Location	21.5156° N, 86.4625° E
State	Odisha
Nearest City	Kaptipoda
Year of Completion	1981
Operated and Maintained by	Odisha Water Resources Department
River Basin	Subarnarekha
River	Kalo River
Dam Type	Earthfill Embankment
Height above lowest foundation level	24.2 m
Dam length	2458.0 m
Reservoir Area	5350000.0 m ²
Gross storage capacity	29700000.0 m ³
Effective storage capacity	24240000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	150.6 km ²
Perimeter of catchment	65.3 km
Basin Length	19483.0 m
Form factor	0.39666
Circularity ratio	0.44383
Elongation ratio	0.71042
Highest Stream order	7
Max elevation	1154.0 m
Min elevation	61.0 m
Mean bifurcation ratio	3.7326
Stream frequency	87.4570 per km ²
Relief	1093.00 m
Drainage density	12.9280 km/km ²
Length of overland flow	38.677 m

CATCHMENT CLIMATOLOGY

