

Arikul Dam

Location	21.8092° N, 86.5969° E
State	Odisha
Nearest City	Kaptipoda
Year of Completion	1980
Operated and Maintained by	Odisha Water Resources Department
River Basin	Subarnarekha
River	Arikul Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.7 m
Dam length	976.0 m
Reservoir Area	393000.0 m ²
Gross storage capacity	2830000.0 m ³
Effective storage capacity	2180000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	35.7 km ²
Perimeter of catchment	28.5 km
Basin Length	10213.0 m
Form factor	0.34265
Circularity ratio	0.55281
Elongation ratio	0.66029
Highest Stream order	6
Max elevation	939.0 m
Min elevation	65.0 m
Mean bifurcation ratio	2.4396
Stream frequency	92.8060 per km ²
Relief	874.00 m
Drainage density	14.0850 km/km ²
Length of overland flow	35.498 m

CATCHMENT CLIMATOLOGY

