

Sankundeswar Dam

Location	21.5808° N, 84.1700° E
State	Odisha
Nearest City	Sambalpur
Year of Completion	1983
Operated and Maintained by	Odisha Water Resources Department
River Basin	Mahanadi
River	Sealjore
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.5 m
Dam length	280.4 m
Reservoir Area	22800000.0 m ²
Gross storage capacity	1100000.0 m ³
Effective storage capacity	835000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5.6 km ²
Perimeter of catchment	10.6 km
Basin Length	3755.0 m
Form factor	0.40020
Circularity ratio	0.62830
Elongation ratio	0.71359
Highest Stream order	4
Max elevation	431.0 m
Min elevation	195.0 m
Mean bifurcation ratio	2.7948
Stream frequency	82.5800 per km ²
Relief	236.00 m
Drainage density	11.5020 km/km ²
Length of overland flow	43.472 m

CATCHMENT CLIMATOLOGY

