

Sunei Dam

Location	21.4531° N, 86.4617° E
State	Odisha
Nearest City	Kaptipoda
Year of Completion	1990
Operated and Maintained by	Odisha Water Resources Department
River Basin	Subarnarekha
River	Sunei River
Dam Type	Earthfill Embankment
Height above lowest foundation level	30.0 m
Dam length	1873.5 m
Reservoir Area	7770000.0 m ²
Gross storage capacity	70000000.0 m ³
Effective storage capacity	61600000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	216.2 km ²
Perimeter of catchment	73.1 km
Basin Length	19556.0 m
Form factor	0.56544
Circularity ratio	0.50812
Elongation ratio	0.84821
Highest Stream order	7
Max elevation	735.0 m
Min elevation	65.0 m
Mean bifurcation ratio	2.1961
Stream frequency	79.3690 per km ²
Relief	670.00 m
Drainage density	11.1800 km/km ²
Length of overland flow	44.721 m

CATCHMENT CLIMATOLOGY

