

Kantesir Dam

Location	20.1997° N, 83.2636° E
State	Odisha
Nearest City	Bhawanipatna
Year of Completion	1976
Operated and Maintained by	Odisha Water Resources Department
River Basin	Mahanadi
River	Kantesir Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.5 m
Dam length	1074.0 m
Reservoir Area	585000.0 m ²
Gross storage capacity	13700000.0 m ³
Effective storage capacity	1330000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	13.1 km ²
Perimeter of catchment	15.4 km
Basin Length	4061.2 m
Form factor	0.79128
Circularity ratio	0.68975
Elongation ratio	1.00340
Highest Stream order	5
Max elevation	365.0 m
Min elevation	177.0 m
Mean bifurcation ratio	2.4865
Stream frequency	76.5480 per km ²
Relief	188.00 m
Drainage density	10.3720 km/km ²
Length of overland flow	48.209 m

CATCHMENT CLIMATOLOGY

