

Panaskhal Dam

Location	20.0872° N, 84.8967° E
State	Odisha
Nearest City	Nayagarh
Year of Completion	1982
Operated and Maintained by	Odisha Water Resources Department
River Basin	Mahanadi
River	Panaskhal Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.3 m
Dam length	915.0 m
Reservoir Area	441000.0 m ²
Gross storage capacity	1130000.0 m ³
Effective storage capacity	910000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	6.3 km ²
Perimeter of catchment	13.6 km
Basin Length	5531.3 m
Form factor	0.20620
Circularity ratio	0.42771
Elongation ratio	0.51222
Highest Stream order	5
Max elevation	291.0 m
Min elevation	140.0 m
Mean bifurcation ratio	2.4929
Stream frequency	81.7890 per km ²
Relief	151.00 m
Drainage density	11.2480 km/km ²
Length of overland flow	44.454 m

CATCHMENT CLIMATOLOGY

