

Dhulipaunsia Dam

Location	20.1786° N, 85.0267° E
State	Odisha
Nearest City	Nayagarh
Year of Completion	1977
Operated and Maintained by	Odisha Water Resources Department
River Basin	Mahanadi
River	Dhulipaunsia
Dam Type	Other
Height above lowest foundation level	12.9 m
Dam length	542.0 m
Reservoir Area	50614.0 m ²
Gross storage capacity	3950000.0 m ³
Effective storage capacity	2580000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.1 km ²
Perimeter of catchment	6.4 km
Basin Length	2033.7 m
Form factor	0.50458
Circularity ratio	0.63960
Elongation ratio	0.80126
Highest Stream order	3
Max elevation	430.0 m
Min elevation	92.0 m
Mean bifurcation ratio	2.8852
Stream frequency	100.6300 per km ²
Relief	338.00 m
Drainage density	15.2660 km/km ²
Length of overland flow	32.752 m

CATCHMENT CLIMATOLOGY

