

Haguri Dam

Location	20.2864° N, 84.8303° E
State	Odisha
Nearest City	Nayagarh
Year of Completion	1975
Operated and Maintained by	Odisha Water Resources Department
River Basin	Mahanadi
River	Haguri Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.6 m
Dam length	789.8 m
Reservoir Area	428710.0 m ²
Gross storage capacity	1710000.0 m ³
Effective storage capacity	1560000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	16.0 km ²
Perimeter of catchment	16.6 km
Basin Length	5005.2 m
Form factor	0.63845
Circularity ratio	0.73359
Elongation ratio	0.90131
Highest Stream order	5
Max elevation	342.0 m
Min elevation	128.0 m
Mean bifurcation ratio	2.2837
Stream frequency	79.2780 per km ²
Relief	214.00 m
Drainage density	10.9540 km/km ²
Length of overland flow	45.646 m

CATCHMENT CLIMATOLOGY

