

Gohira Dam

Location	21.4819° N, 84.5614° E
State	Odisha
Nearest City	Deogarh
Year of Completion	1985
Operated and Maintained by	Odisha Water Resources Department
River Basin	Brahmani
River	Gohira
Dam Type	Earthfill Embankment
Height above lowest foundation level	28.0 m
Dam length	3550.0 m
Reservoir Area	1050000.0 m ²
Gross storage capacity	73000000.0 m ³
Effective storage capacity	65350000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	72.4 km ²
Perimeter of catchment	46.6 km
Basin Length	14049.0 m
Form factor	0.36676
Circularity ratio	0.41975
Elongation ratio	0.68313
Highest Stream order	6
Max elevation	712.0 m
Min elevation	224.0 m
Mean bifurcation ratio	2.5661
Stream frequency	85.3160 per km ²
Relief	488.00 m
Drainage density	12.3750 km/km ²
Length of overland flow	40.405 m

CATCHMENT CLIMATOLOGY

