

Raghunathsagar M.I.P Dam

Location	19.4672° N, 84.5425° E
State	Odisha
Nearest City	Ghumusar
Year of Completion	1972
Operated and Maintained by	Odisha Water Resources Department
River Basin	North East Coast
River	Talasagarnalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.0 m
Dam length	670.0 m
Reservoir Area	360000.0 m ²
Gross storage capacity	2700000.0 m ³
Effective storage capacity	2628000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	20.0 km ²
Perimeter of catchment	20.5 km
Basin Length	6451.2 m
Form factor	0.48115
Circularity ratio	0.59826
Elongation ratio	0.78244
Highest Stream order	6
Max elevation	567.0 m
Min elevation	79.0 m
Mean bifurcation ratio	2.6534
Stream frequency	91.4880 per km ²
Relief	488.00 m
Drainage density	13.6620 km/km ²
Length of overland flow	36.597 m

CATCHMENT CLIMATOLOGY

