

Hariharjore Dam

Location	21.0381° N, 84.0158° E
State	Odisha
Nearest City	Sonpur
Year of Completion	1998
Operated and Maintained by	Odisha Water Resources Department
River Basin	Mahanadi
River	Hariharjore
Dam Type	Earthfill Embankment
Height above lowest foundation level	27.0 m
Dam length	2296.0 m
Reservoir Area	16680000.0 m ²
Gross storage capacity	79880000.0 m ³
Effective storage capacity	58000000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	437.4 km ²
Perimeter of catchment	119.0 km
Basin Length	37290.0 m
Form factor	0.31456
Circularity ratio	0.38831
Elongation ratio	0.63265
Highest Stream order	7
Max elevation	673.0 m
Min elevation	132.0 m
Mean bifurcation ratio	2.1864
Stream frequency	76.5820 per km ²
Relief	541.00 m
Drainage density	10.5580 km/km ²
Length of overland flow	47.355 m

CATCHMENT CLIMATOLOGY

