

Pendrawan Dam

Location	20.4522° N, 82.6933° E
State	Odisha
Nearest City	Khariar
Year of Completion	1985
Operated and Maintained by	Odisha Water Resources Department
River Basin	Mahanadi
River	Katparo
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.0 m
Dam length	443.0 m
Reservoir Area	127000.0 m ²
Gross storage capacity	4500000.0 m ³
Effective storage capacity	3000000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	43.4 km ²
Perimeter of catchment	43.1 km
Basin Length	12535.0 m
Form factor	0.27597
Circularity ratio	0.29339
Elongation ratio	0.59257
Highest Stream order	6
Max elevation	642.0 m
Min elevation	262.0 m
Mean bifurcation ratio	2.8923
Stream frequency	78.4060 per km ²
Relief	380.00 m
Drainage density	10.8800 km/km ²
Length of overland flow	45.955 m

CATCHMENT CLIMATOLOGY

