

Pujiladu Dam

Location	20.1922° N, 83.5192° E
State	Odisha
Nearest City	Bhawanipatna
Year of Completion	1983
Operated and Maintained by	Odisha Water Resources Department
River Basin	Mahanadi
River	Pajiladu Nallah
Dam Type	Earthfill Embankment
Height above lowest foundation level	21.0 m
Dam length	701.0 m
Reservoir Area	150000.0 m ²
Gross storage capacity	570000000.0 m ³
Effective storage capacity	460000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	425.5 km ²
Perimeter of catchment	125.6 km
Basin Length	46090.0 m
Form factor	0.20029
Circularity ratio	0.33920
Elongation ratio	0.50482
Highest Stream order	7
Max elevation	1151.0 m
Min elevation	198.0 m
Mean bifurcation ratio	2.9990
Stream frequency	83.2490 per km ²
Relief	953.00 m
Drainage density	12.1810 km/km ²
Length of overland flow	41.049 m

CATCHMENT CLIMATOLOGY

