

Paitagaon Dam

Location	20.2481° N, 84.4861° E
State	Odisha
Nearest City	Balliguda
Year of Completion	1989
Operated and Maintained by	Odisha Water Resources Department
River Basin	Mahanadi
River	Paitagaon
Dam Type	Earthfill Embankment
Height above lowest foundation level	22.7 m
Dam length	568.0 m
Reservoir Area	186000.0 m ²
Gross storage capacity	1350000.0 m ³
Effective storage capacity	960000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	23.8 km ²
Perimeter of catchment	23.9 km
Basin Length	8864.6 m
Form factor	0.30310
Circularity ratio	0.52548
Elongation ratio	0.62102
Highest Stream order	5
Max elevation	837.0 m
Min elevation	304.0 m
Mean bifurcation ratio	2.5152
Stream frequency	88.7990 per km ²
Relief	533.00 m
Drainage density	13.0350 km/km ²
Length of overland flow	38.358 m

CATCHMENT CLIMATOLOGY

