

## Derjang Dam

Location	20.8400° N, 85.0317° E
State	Odisha
Nearest City	Angul
Year of Completion	1978
Operated and Maintained by	Odisha Water Resources Department
River Basin	Brahmani
River	Lingara And Mathili
Dam Type	Earthfill Embankment
Height above lowest foundation level	27.3 m
Dam length	1875.0 m
Reservoir Area	8660000.0 m <sup>2</sup>
Gross storage capacity	46000000.0 m <sup>3</sup>
Effective storage capacity	46000000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	411.5 km <sup>2</sup>
Perimeter of catchment	112.8 km
Basin Length	33119.0 m
Form factor	0.37515
Circularity ratio	0.40689
Elongation ratio	0.69090
Highest Stream order	8
Max elevation	719.0 m
Min elevation	130.0 m
Mean bifurcation ratio	7.3898
Stream frequency	80.0790 per km <sup>2</sup>
Relief	589.00 m
Drainage density	11.3830 km/km <sup>2</sup>
Length of overland flow	43.925 m

## CATCHMENT CLIMATOLOGY

