

## Lankagada Dam

Location	19.9989° N, 84.7794° E
State	Odisha
Nearest City	Gungapalli
Year of Completion	1975
Operated and Maintained by	Odisha Water Resources Department
River Basin	North East Coast
River	Lankagada Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.3 m
Dam length	951.0 m
Reservoir Area	144000.0 m <sup>2</sup>
Gross storage capacity	1470000.0 m <sup>3</sup>
Effective storage capacity	1420000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	11.0 km <sup>2</sup>
Perimeter of catchment	12.9 km
Basin Length	4202.1 m
Form factor	0.62333
Circularity ratio	0.82776
Elongation ratio	0.89057
Highest Stream order	5
Max elevation	494.0 m
Min elevation	123.0 m
Mean bifurcation ratio	2.9692
Stream frequency	96.2170 per km <sup>2</sup>
Relief	371.00 m
Drainage density	14.5580 km/km <sup>2</sup>
Length of overland flow	34.345 m

## CATCHMENT CLIMATOLOGY

