

## Laupal Dam

Location	20.7811° N, 84.4453° E
State	Odisha
Nearest City	Athmallick
Year of Completion	1970
Operated and Maintained by	Odisha Water Resources Department
River Basin	Mahanadi
River	Laupal
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.6 m
Dam length	1127.8 m
Reservoir Area	250000.0 m <sup>2</sup>
Gross storage capacity	2880000.0 m <sup>3</sup>
Effective storage capacity	2700000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	15.2 km <sup>2</sup>
Perimeter of catchment	19.9 km
Basin Length	7910.5 m
Form factor	0.24313
Circularity ratio	0.48149
Elongation ratio	0.55620
Highest Stream order	5
Max elevation	848.0 m
Min elevation	81.0 m
Mean bifurcation ratio	2.5343
Stream frequency	78.0850 per km <sup>2</sup>
Relief	767.00 m
Drainage density	10.7480 km/km <sup>2</sup>
Length of overland flow	46.519 m

## CATCHMENT CLIMATOLOGY

