

## Kumarkhunti M.I.P Dam

Location	20.3947° N, 85.7394° E
State	Odisha
Nearest City	Chandaka
Year of Completion	1992
Operated and Maintained by	Odisha Water Resources Department
River Basin	Mahanadi
River	Keonjharnalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.3 m
Dam length	922.0 m
Reservoir Area	268680.0 m <sup>2</sup>
Gross storage capacity	1400000.0 m <sup>3</sup>
Effective storage capacity	1064000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	11.2 km <sup>2</sup>
Perimeter of catchment	14.7 km
Basin Length	4860.2 m
Form factor	0.47395
Circularity ratio	0.65048
Elongation ratio	0.77656
Highest Stream order	5
Max elevation	163.0 m
Min elevation	57.0 m
Mean bifurcation ratio	2.4544
Stream frequency	86.7320 per km <sup>2</sup>
Relief	106.00 m
Drainage density	12.8150 km/km <sup>2</sup>
Length of overland flow	39.017 m

## CATCHMENT CLIMATOLOGY

