

## Kusumijore M.I.P Dam

Location	19.2308° N, 82.5222° E
State	Odisha
Nearest City	Nawarangpur
Year of Completion	2000
Operated and Maintained by	Odisha Water Resources Department
River Basin	Godavari
River	Ghataprabha
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.2 m
Dam length	1060.0 m
Reservoir Area	108600.0 m <sup>2</sup>
Gross storage capacity	3715000.0 m <sup>3</sup>
Effective storage capacity	3439000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	8.5 km <sup>2</sup>
Perimeter of catchment	15.5 km
Basin Length	5396.2 m
Form factor	0.29182
Circularity ratio	0.44404
Elongation ratio	0.60935
Highest Stream order	4
Max elevation	614.0 m
Min elevation	558.0 m
Mean bifurcation ratio	2.3585
Stream frequency	80.7300 per km <sup>2</sup>
Relief	56.00 m
Drainage density	11.1160 km/km <sup>2</sup>
Length of overland flow	44.981 m

## CATCHMENT CLIMATOLOGY

