

## Jagataghai M.I.P Dam

Location	19.6747° N, 84.8939° E
State	Odisha
Nearest City	Kodala
Year of Completion	1935
Operated and Maintained by	Odisha Water Resources Department
River Basin	Mahanadi
River	Jagatanalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.6 m
Dam length	664.0 m
Reservoir Area	1113.0 m <sup>2</sup>
Gross storage capacity	8300000.0 m <sup>3</sup>
Effective storage capacity	6220000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	31.5 km <sup>2</sup>
Perimeter of catchment	29.8 km
Basin Length	9531.5 m
Form factor	0.34679
Circularity ratio	0.44682
Elongation ratio	0.66427
Highest Stream order	6
Max elevation	461.0 m
Min elevation	65.0 m
Mean bifurcation ratio	2.4453
Stream frequency	85.4140 per km <sup>2</sup>
Relief	396.00 m
Drainage density	12.4780 km/km <sup>2</sup>
Length of overland flow	40.071 m

## CATCHMENT CLIMATOLOGY

