

## Jamunia Dam

Location	24.0069° N, 85.7589° E
State	Jharkhand
Nearest City	Hazaribagh
Year of Completion	1954
Operated and Maintained by	Jharkhand Water Resources Department
River Basin	Subarnarekha
River	Jamuni.
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.4 m
Dam length	1067.1 m
Reservoir Area	610000.0 m <sup>2</sup>
Gross storage capacity	259000000.0 m <sup>3</sup>
Effective storage capacity	m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	31.1 km <sup>2</sup>
Perimeter of catchment	28.2 km
Basin Length	9585.5 m
Form factor	0.33803
Circularity ratio	0.49050
Elongation ratio	0.65583
Highest Stream order	6
Max elevation	595.0 m
Min elevation	428.0 m
Mean bifurcation ratio	2.5073
Stream frequency	73.3120 per km <sup>2</sup>
Relief	167.00 m
Drainage density	9.6870 km/km <sup>2</sup>
Length of overland flow	51.614 m

## CATCHMENT CLIMATOLOGY

