

## Latratu Dam

Location	23.2236° N, 85.0756° E
State	Jharkhand
Nearest City	Ranchi
Year of Completion	1988
Operated and Maintained by	Jharkhand Water Resources Department
River Basin	Brahmani
River	North Karo.
Dam Type	Earthfill Embankment
Height above lowest foundation level	39.3 m
Dam length	1219.5 m
Reservoir Area	3410000.0 m <sup>2</sup>
Gross storage capacity	46890000.0 m <sup>3</sup>
Effective storage capacity	41460000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	109.6 km <sup>2</sup>
Perimeter of catchment	51.8 km
Basin Length	15288.0 m
Form factor	0.46888
Circularity ratio	0.51281
Elongation ratio	0.77239
Highest Stream order	6
Max elevation	747.0 m
Min elevation	595.0 m
Mean bifurcation ratio	2.3280
Stream frequency	75.4980 per km <sup>2</sup>
Relief	152.00 m
Drainage density	10.2200 km/km <sup>2</sup>
Length of overland flow	48.926 m

## CATCHMENT CLIMATOLOGY

