

## Ghaghra Dam

<b>Location</b>	23.9228° N, 85.1328° E
<b>State</b>	Jharkhand
<b>Nearest City</b>	Hazaribagh
<b>Year of Completion</b>	1957
<b>Operated and Maintained by</b>	Jharkhand Water Resources Department
<b>River Basin</b>	Subarnarekha
<b>River</b>	Ghaghra.
<b>Dam Type</b>	Other
<b>Height above lowest foundation level</b>	19.8 m
<b>Dam length</b>	94.5 m
<b>Reservoir Area</b>	4368.0 m <sup>2</sup>
<b>Gross storage capacity</b>	9374000.0 m <sup>3</sup>
<b>Effective storage capacity</b>	6661000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
<b>Area of catchment</b>	40.1 km <sup>2</sup>
<b>Perimeter of catchment</b>	35.0 km
<b>Basin Length</b>	9592.3 m
<b>Form factor</b>	0.43545
<b>Circularity ratio</b>	0.41018
<b>Elongation ratio</b>	0.74435
<b>Highest Stream order</b>	5
<b>Max elevation</b>	691.0 m
<b>Min elevation</b>	442.0 m
<b>Mean bifurcation ratio</b>	2.2355
<b>Stream frequency</b>	75.2010 per km <sup>2</sup>
<b>Relief</b>	249.00 m
<b>Drainage density</b>	9.9240 km/km <sup>2</sup>
<b>Length of overland flow</b>	50.381 m

## CATCHMENT CLIMATOLOGY

