

## Gointha Dam

<b>Location</b>	25.6081° N, 83.4939° E
<b>State</b>	Uttar Pradesh
<b>Nearest City</b>	Robertsganj
<b>Year of Completion</b>	1992
<b>Operated and Maintained by</b>	Uttar Pradesh Irrigation and Water Resources Department
<b>River Basin</b>	Ganga
<b>River</b>	Local
<b>Dam Type</b>	Earthfill Embankment
<b>Height above lowest foundation level</b>	13.6 m
<b>Dam length</b>	500.0 m
<b>Reservoir Area</b>	14127.0 m <sup>2</sup>
<b>Gross storage capacity</b>	885000.0 m <sup>3</sup>
<b>Effective storage capacity</b>	619500.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
<b>Area of catchment</b>	7.0 km <sup>2</sup>
<b>Perimeter of catchment</b>	13.7 km
<b>Basin Length</b>	4227.6 m
<b>Form factor</b>	0.39047
<b>Circularity ratio</b>	0.46753
<b>Elongation ratio</b>	0.70486
<b>Highest Stream order</b>	4
<b>Max elevation</b>	75.0 m
<b>Min elevation</b>	71.0 m
<b>Mean bifurcation ratio</b>	2.2634
<b>Stream frequency</b>	79.3820 per km <sup>2</sup>
<b>Relief</b>	4.00 m
<b>Drainage density</b>	10.3250 km/km <sup>2</sup>
<b>Length of overland flow</b>	48.427 m

## CATCHMENT CLIMATOLOGY

