

## Obra Dam

<b>Location</b>	24.4394° N, 82.9661° E
<b>State</b>	Uttar Pradesh
<b>Nearest City</b>	Robertsganj
<b>Year of Completion</b>	1970
<b>Operated and Maintained by</b>	Uttar Pradesh Irrigation and Water Resources Department
<b>River Basin</b>	Ganga
<b>River</b>	Rihand
<b>Dam Type</b>	Other
<b>Height above lowest foundation level</b>	29.2 m
<b>Dam length</b>	1956.8 m
<b>Reservoir Area</b>	9403873.0 m <sup>2</sup>
<b>Gross storage capacity</b>	211050000.0 m <sup>3</sup>
<b>Effective storage capacity</b>	211000000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
<b>Area of catchment</b>	13342.0 km <sup>2</sup>
<b>Perimeter of catchment</b>	868.1 km
<b>Basin Length</b>	217260.0 m
<b>Form factor</b>	0.28265
<b>Circularity ratio</b>	0.22253
<b>Elongation ratio</b>	0.59970
<b>Highest Stream order</b>	9
<b>Max elevation</b>	1225.0 m
<b>Min elevation</b>	145.0 m
<b>Mean bifurcation ratio</b>	2.1092
<b>Stream frequency</b>	77.4280 per km <sup>2</sup>
<b>Relief</b>	1080.00 m
<b>Drainage density</b>	10.6270 km/km <sup>2</sup>
<b>Length of overland flow</b>	47.051 m

## CATCHMENT CLIMATOLOGY

