

## Rampur Dam

<b>Location</b>	27.8539° N, 82.0575° E
<b>State</b>	Uttar Pradesh
<b>Nearest City</b>	Bahraich
<b>Year of Completion</b>	1958
<b>Operated and Maintained by</b>	Uttar Pradesh Irrigation and Water Resources Department
<b>River Basin</b>	Ganga
<b>River</b>	Goinghawa Nala
<b>Dam Type</b>	Earthfill Embankment
<b>Height above lowest foundation level</b>	10.5 m
<b>Dam length</b>	3820.0 m
<b>Reservoir Area</b>	9933000.0 m <sup>2</sup>
<b>Gross storage capacity</b>	10500000.0 m <sup>3</sup>
<b>Effective storage capacity</b>	9227000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
<b>Area of catchment</b>	19.9 km <sup>2</sup>
<b>Perimeter of catchment</b>	21.1 km
<b>Basin Length</b>	7447.5 m
<b>Form factor</b>	0.35834
<b>Circularity ratio</b>	0.56239
<b>Elongation ratio</b>	0.67524
<b>Highest Stream order</b>	5
<b>Max elevation</b>	207.0 m
<b>Min elevation</b>	143.0 m
<b>Mean bifurcation ratio</b>	2.8689
<b>Stream frequency</b>	76.3750 per km <sup>2</sup>
<b>Relief</b>	64.00 m
<b>Drainage density</b>	9.7780 km/km <sup>2</sup>
<b>Length of overland flow</b>	51.136 m

## CATCHMENT CLIMATOLOGY

