

## Sirsi Dam

<b>Location</b>	24.8428° N, 82.5003° E
<b>State</b>	Uttar Pradesh
<b>Nearest City</b>	Mirzapur
<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>	Bakhar Nala
<b>Dam Type</b>	Earthfill Embankment
<b>Height above lowest foundation level</b>	21.3 m
<b>Dam length</b>	3808.0 m
<b>Reservoir Area</b>	30149000.0 m <sup>2</sup>
<b>Gross storage capacity</b>	215000000.0 m <sup>3</sup>
<b>Effective storage capacity</b>	195000000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
<b>Area of catchment</b>	529.7 km <sup>2</sup>
<b>Perimeter of catchment</b>	126.6 km
<b>Basin Length</b>	49426.0 m
<b>Form factor</b>	0.21684
<b>Circularity ratio</b>	0.41572
<b>Elongation ratio</b>	0.52527
<b>Highest Stream order</b>	7
<b>Max elevation</b>	310.0 m
<b>Min elevation</b>	199.0 m
<b>Mean bifurcation ratio</b>	2.4559
<b>Stream frequency</b>	71.4510 per km <sup>2</sup>
<b>Relief</b>	111.00 m
<b>Drainage density</b>	9.3280 km/km <sup>2</sup>
<b>Length of overland flow</b>	53.601 m

## CATCHMENT CLIMATOLOGY

