

## Narson Dam

<b>Location</b>	24.6211° N, 83.2800° E
<b>State</b>	Uttar Pradesh
<b>Nearest City</b>	Robertsganj
<b>Year of Completion</b>	1988
<b>Operated and Maintained by</b>	Uttar Pradesh Irrigation and Water Resources Department
<b>River Basin</b>	Ganga
<b>River</b>	Narson
<b>Dam Type</b>	Earthfill Embankment
<b>Height above lowest foundation level</b>	14.3 m
<b>Dam length</b>	2340.0 m
<b>Reservoir Area</b>	121737.0 m <sup>2</sup>
<b>Gross storage capacity</b>	2860000.0 m <sup>3</sup>
<b>Effective storage capacity</b>	2002000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
<b>Area of catchment</b>	8.5 km <sup>2</sup>
<b>Perimeter of catchment</b>	16.3 km
<b>Basin Length</b>	6814.1 m
<b>Form factor</b>	0.18294
<b>Circularity ratio</b>	0.40389
<b>Elongation ratio</b>	0.48246
<b>Highest Stream order</b>	4
<b>Max elevation</b>	458.0 m
<b>Min elevation</b>	335.0 m
<b>Mean bifurcation ratio</b>	2.5830
<b>Stream frequency</b>	84.0580 per km <sup>2</sup>
<b>Relief</b>	123.00 m
<b>Drainage density</b>	11.7460 km/km <sup>2</sup>
<b>Length of overland flow</b>	42.569 m

## CATCHMENT CLIMATOLOGY

