

## Virat Sagar Dam

<b>Location</b>	25.3069° N, 79.9469° E
<b>State</b>	Uttar Pradesh
<b>Nearest City</b>	Mahoba
<b>Year of Completion</b>	Not Available
<b>Operated and Maintained by</b>	Uttar Pradesh Irrigation and Water Resources Department
<b>River Basin</b>	Ganga
<b>River</b>	Dhasan
<b>Dam Type</b>	Other
<b>Height above lowest foundation level</b>	180.5 m
<b>Dam length</b>	1550.0 m
<b>Reservoir Area</b>	12423.0 m <sup>2</sup>
<b>Gross storage capacity</b>	m <sup>3</sup>
<b>Effective storage capacity</b>	m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
<b>Area of catchment</b>	10.6 km <sup>2</sup>
<b>Perimeter of catchment</b>	15.5 km
<b>Basin Length</b>	4899.1 m
<b>Form factor</b>	0.44144
<b>Circularity ratio</b>	0.55438
<b>Elongation ratio</b>	0.74945
<b>Highest Stream order</b>	5
<b>Max elevation</b>	222.0 m
<b>Min elevation</b>	179.0 m
<b>Mean bifurcation ratio</b>	2.5582
<b>Stream frequency</b>	82.9650 per km <sup>2</sup>
<b>Relief</b>	43.00 m
<b>Drainage density</b>	11.3500 km/km <sup>2</sup>
<b>Length of overland flow</b>	44.054 m

## CATCHMENT CLIMATOLOGY

