

## Pachwara Lake Dam

<b>Location</b>	25.3669° N, 79.0453° E
<b>State</b>	Uttar Pradesh
<b>Nearest City</b>	Jhansi
<b>Year of Completion</b>	1694
<b>Operated and Maintained by</b>	Uttar Pradesh Irrigation and Water Resources Department
<b>River Basin</b>	Ganga
<b>River</b>	Local
<b>Dam Type</b>	Other
<b>Height above lowest foundation level</b>	13.7 m
<b>Dam length</b>	208.0 m
<b>Reservoir Area</b>	21093000.0 m <sup>2</sup>
<b>Gross storage capacity</b>	6150000.0 m <sup>3</sup>
<b>Effective storage capacity</b>	5850000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
<b>Area of catchment</b>	34.8 km <sup>2</sup>
<b>Perimeter of catchment</b>	31.9 km
<b>Basin Length</b>	12161.0 m
<b>Form factor</b>	0.23506
<b>Circularity ratio</b>	0.42874
<b>Elongation ratio</b>	0.54689
<b>Highest Stream order</b>	5
<b>Max elevation</b>	330.0 m
<b>Min elevation</b>	200.0 m
<b>Mean bifurcation ratio</b>	2.0064
<b>Stream frequency</b>	68.6340 per km <sup>2</sup>
<b>Relief</b>	130.00 m
<b>Drainage density</b>	8.6670 km/km <sup>2</sup>
<b>Length of overland flow</b>	57.690 m

## CATCHMENT CLIMATOLOGY

