

## Arjun Dam

<b>Location</b>	25.3864° N, 79.6761° E
<b>State</b>	Uttar Pradesh
<b>Nearest City</b>	Mahoba
<b>Year of Completion</b>	1957
<b>Operated and Maintained by</b>	Uttar Pradesh Irrigation and Water Resources Department
<b>River Basin</b>	Ganga
<b>River</b>	Arjun
<b>Dam Type</b>	Earthfill Embankment
<b>Height above lowest foundation level</b>	25.9 m
<b>Dam length</b>	4206.0 m
<b>Reservoir Area</b>	180000000.0 m <sup>2</sup>
<b>Gross storage capacity</b>	69206000.0 m <sup>3</sup>
<b>Effective storage capacity</b>	63826000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
<b>Area of catchment</b>	271.5 km <sup>2</sup>
<b>Perimeter of catchment</b>	80.9 km
<b>Basin Length</b>	25616.0 m
<b>Form factor</b>	0.41368
<b>Circularity ratio</b>	0.52096
<b>Elongation ratio</b>	0.72551
<b>Highest Stream order</b>	7
<b>Max elevation</b>	291.0 m
<b>Min elevation</b>	160.0 m
<b>Mean bifurcation ratio</b>	2.1154
<b>Stream frequency</b>	71.3890 per km <sup>2</sup>
<b>Relief</b>	131.00 m
<b>Drainage density</b>	9.2240 km/km <sup>2</sup>
<b>Length of overland flow</b>	54.206 m

## CATCHMENT CLIMATOLOGY

