

## Motipura Dam

<b>Location</b>	25.7078° N, 74.4742° E
<b>State</b>	Rajasthan
<b>Nearest City</b>	Asind
<b>Year of Completion</b>	1999
<b>Operated and Maintained by</b>	Rajasthan Water Resources Department
<b>River Basin</b>	Ganga
<b>River</b>	Local Nallah
<b>Dam Type</b>	Other
<b>Height above lowest foundation level</b>	14.7 m
<b>Dam length</b>	940.0 m
<b>Reservoir Area</b>	430000.0 m <sup>2</sup>
<b>Gross storage capacity</b>	1160000.0 m <sup>3</sup>
<b>Effective storage capacity</b>	1110000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
<b>Area of catchment</b>	6.4 km <sup>2</sup>
<b>Perimeter of catchment</b>	13.0 km
<b>Basin Length</b>	3931.6 m
<b>Form factor</b>	0.41668
<b>Circularity ratio</b>	0.47917
<b>Elongation ratio</b>	0.72813
<b>Highest Stream order</b>	5
<b>Max elevation</b>	466.0 m
<b>Min elevation</b>	439.0 m
<b>Mean bifurcation ratio</b>	2.4846
<b>Stream frequency</b>	68.6230 per km <sup>2</sup>
<b>Relief</b>	27.00 m
<b>Drainage density</b>	8.1770 km/km <sup>2</sup>
<b>Length of overland flow</b>	61.145 m

## CATCHMENT CLIMATOLOGY

