

## Mirzapur Dam

Location	30.8997° N, 76.7106° E
State	Punjab
Nearest City	Ropar
Year of Completion	1996
Operated and Maintained by	Punjab Water Resources Department
River Basin	Indus
River	Budki
Dam Type	Earthfill Embankment
Height above lowest foundation level	22.4 m
Dam length	210.0 m
Reservoir Area	678600.0 m <sup>2</sup>
Gross storage capacity	4300000.0 m <sup>3</sup>
Effective storage capacity	3150000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	15.0 km <sup>2</sup>
Perimeter of catchment	17.4 km
Basin Length	6917.9 m
Form factor	0.31287
Circularity ratio	0.61935
Elongation ratio	0.63094
Highest Stream order	5
Max elevation	531.0 m
Min elevation	360.0 m
Mean bifurcation ratio	2.7945
Stream frequency	78.6080 per km <sup>2</sup>
Relief	171.00 m
Drainage density	10.0350 km/km <sup>2</sup>
Length of overland flow	49.827 m

## CATCHMENT CLIMATOLOGY

