

Raipura Dam

Location	25.2908° N, 79.7922° E
State	Uttar Pradesh
Nearest City	Mahoba
Year of Completion	1930
Operated and Maintained by	Uttar Pradesh Irrigation and Water Resources Department
River Basin	Ganga
River	Arjun Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.0 m
Dam length	3509.0 m
Reservoir Area	880954.0 m ²
Gross storage capacity	12453000.0 m ³
Effective storage capacity	6289000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	11.7 km ²
Perimeter of catchment	18.5 km
Basin Length	7260.9 m
Form factor	0.22232
Circularity ratio	0.42954
Elongation ratio	0.53187
Highest Stream order	5
Max elevation	239.0 m
Min elevation	192.0 m
Mean bifurcation ratio	2.7358
Stream frequency	74.2260 per km ²
Relief	47.00 m
Drainage density	9.4400 km/km ²
Length of overland flow	52.965 m

CATCHMENT CLIMATOLOGY

