

Dhandhraul Dam

Location	24.6094° N, 83.1664° E
State	Uttar Pradesh
Nearest City	Robertsganj
Year of Completion	1917
Operated and Maintained by	Uttar Pradesh Irrigation and Water Resources Department
River Basin	Ganga
River	Ghaghar
Dam Type	Earthfill Embankment
Height above lowest foundation level	21.0 m
Dam length	7305.0 m
Reservoir Area	314196000.0 m ²
Gross storage capacity	144144000.0 m ³
Effective storage capacity	139504000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	251.7 km ²
Perimeter of catchment	94.1 km
Basin Length	28094.0 m
Form factor	0.31886
Circularity ratio	0.35695
Elongation ratio	0.63696
Highest Stream order	7
Max elevation	609.0 m
Min elevation	282.0 m
Mean bifurcation ratio	2.3088
Stream frequency	82.0030 per km ²
Relief	327.00 m
Drainage density	11.5320 km/km ²
Length of overland flow	43.359 m

CATCHMENT CLIMATOLOGY

