

Hinauti Dam

Location	25.0519° N, 82.7875° E
State	Uttar Pradesh
Nearest City	Mirzapur
Year of Completion	1964
Operated and Maintained by	Uttar Pradesh Irrigation and Water Resources Department
River Basin	Ganga
River	Col Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.7 m
Dam length	995.0 m
Reservoir Area	4921000.0 m ²
Gross storage capacity	6147000.0 m ³
Effective storage capacity	4380000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	17.1 km ²
Perimeter of catchment	19.6 km
Basin Length	6814.2 m
Form factor	0.36780
Circularity ratio	0.55718
Elongation ratio	0.68410
Highest Stream order	5
Max elevation	192.0 m
Min elevation	113.0 m
Mean bifurcation ratio	2.1788
Stream frequency	77.6420 per km ²
Relief	79.00 m
Drainage density	10.3340 km/km ²
Length of overland flow	48.384 m

CATCHMENT CLIMATOLOGY

