

Chigauri Dam

Location	24.6667° N, 82.8031° E
State	Uttar Pradesh
Nearest City	Robertsganj
Year of Completion	1979
Operated and Maintained by	Uttar Pradesh Irrigation and Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.0 m
Dam length	1750.0 m
Reservoir Area	39087.0 m ²
Gross storage capacity	1535000.0 m ³
Effective storage capacity	1237000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.1 km ²
Perimeter of catchment	8.4 km
Basin Length	2415.2 m
Form factor	0.70742
Circularity ratio	0.74121
Elongation ratio	0.94874
Highest Stream order	5
Max elevation	405.0 m
Min elevation	306.0 m
Mean bifurcation ratio	4.1591
Stream frequency	81.1800 per km ²
Relief	99.00 m
Drainage density	10.0900 km/km ²
Length of overland flow	49.553 m

CATCHMENT CLIMATOLOGY

