

Chittaurgarh Dam

Location	27.5775° N, 82.5997° E
State	Uttar Pradesh
Nearest City	Gonda
Year of Completion	1985
Operated and Maintained by	Uttar Pradesh Irrigation and Water Resources Department
River Basin	Ganga
River	Bharushan Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.3 m
Dam length	11000.0 m
Reservoir Area	920000000.0 m ²
Gross storage capacity	424750000.0 m ³
Effective storage capacity	387940000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	122.8 km ²
Perimeter of catchment	56.3 km
Basin Length	19370.0 m
Form factor	0.32727
Circularity ratio	0.48763
Elongation ratio	0.64530
Highest Stream order	6
Max elevation	232.0 m
Min elevation	95.0 m
Mean bifurcation ratio	2.2621
Stream frequency	76.7430 per km ²
Relief	137.00 m
Drainage density	10.0000 km/km ²
Length of overland flow	49.999 m

CATCHMENT CLIMATOLOGY

