

Barkachha Dam

Location	24.9375° N, 82.4261° E
State	Uttar Pradesh
Nearest City	Mirzapur
Year of Completion	1975
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	14.6 m
Dam length	570.0 m
Reservoir Area	1481110.0 m ²
Gross storage capacity	1742000.0 m ³
Effective storage capacity	1219400.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	46.1 km ²
Perimeter of catchment	31.2 km
Basin Length	11356.0 m
Form factor	0.35723
Circularity ratio	0.59318
Elongation ratio	0.67419
Highest Stream order	6
Max elevation	232.0 m
Min elevation	167.0 m
Mean bifurcation ratio	2.2608
Stream frequency	78.2960 per km ²
Relief	65.00 m
Drainage density	10.7570 km/km ²
Length of overland flow	46.481 m

CATCHMENT CLIMATOLOGY

