

Rajkhar Dam

Location	24.2286° N, 83.1927° E
State	Uttar Pradesh
Nearest City	Mirzapur
Year of Completion	1957
Operated and Maintained by	Uttar Pradesh Irrigation and Water Resources Department
River Basin	Ganga
River	Local Stream
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.9 m
Dam length	970.0 m
Reservoir Area	138266.0 m ²
Gross storage capacity	1700000.0 m ³
Effective storage capacity	1190000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	9.7 km ²
Perimeter of catchment	17.9 km
Basin Length	6273.7 m
Form factor	0.24576
Circularity ratio	0.38141
Elongation ratio	0.55920
Highest Stream order	4
Max elevation	405.0 m
Min elevation	244.0 m
Mean bifurcation ratio	2.3696
Stream frequency	71.0220 per km ²
Relief	161.00 m
Drainage density	8.9850 km/km ²
Length of overland flow	55.652 m

CATCHMENT CLIMATOLOGY

