

Kota Dam

Location	24.4539° N, 83.1117° E
State	Uttar Pradesh
Nearest City	Robertsganj
Year of Completion	1960
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	549.0 m
Reservoir Area	119269.0 m ²
Gross storage capacity	1983000.0 m ³
Effective storage capacity	1133000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	10.4 km ²
Perimeter of catchment	14.1 km
Basin Length	4913.5 m
Form factor	0.43266
Circularity ratio	0.66370
Elongation ratio	0.74196
Highest Stream order	5
Max elevation	251.0 m
Min elevation	160.0 m
Mean bifurcation ratio	2.5358
Stream frequency	71.9930 per km ²
Relief	91.00 m
Drainage density	9.0450 km/km ²
Length of overland flow	55.277 m

CATCHMENT CLIMATOLOGY

