

Rohini Dam

Location	24.3556° N, 78.7914° E
State	Uttar Pradesh
Nearest City	Lalitpur
Year of Completion	1983
Operated and Maintained by	Uttar Pradesh Irrigation and Water Resources Department
River Basin	Ganga
River	Rohini
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.8 m
Dam length	650.0 m
Reservoir Area	1801627.0 m ²
Gross storage capacity	12110000.0 m ³
Effective storage capacity	8477000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	40.9 km ²
Perimeter of catchment	34.8 km
Basin Length	11564.0 m
Form factor	0.30578
Circularity ratio	0.42341
Elongation ratio	0.62375
Highest Stream order	6
Max elevation	501.0 m
Min elevation	380.0 m
Mean bifurcation ratio	5.1637
Stream frequency	74.1700 per km ²
Relief	121.00 m
Drainage density	9.7470 km/km ²
Length of overland flow	51.299 m

CATCHMENT CLIMATOLOGY

