

Lodhighat Dam

Location	24.7853° N, 83.1061° E
State	Uttar Pradesh
Nearest City	Robertsganj
Year of Completion	1992
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	10.7 m
Dam length	750.0 m
Reservoir Area	572379.0 m ²
Gross storage capacity	854000.0 m ³
Effective storage capacity	597800.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	8.9 km ²
Perimeter of catchment	11.8 km
Basin Length	3545.2 m
Form factor	0.70990
Circularity ratio	0.80130
Elongation ratio	0.95040
Highest Stream order	5
Max elevation	314.0 m
Min elevation	288.0 m
Mean bifurcation ratio	5.6236
Stream frequency	78.4540 per km ²
Relief	26.00 m
Drainage density	10.1930 km/km ²
Length of overland flow	49.055 m

CATCHMENT CLIMATOLOGY

