

Muirpur Dam

Location	24.1103° N, 83.0564° 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	15.3 m
Dam length	581.0 m
Reservoir Area	1329101.0 m ²
Gross storage capacity	1454000.0 m ³
Effective storage capacity	1183000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	6.8 km ²
Perimeter of catchment	10.9 km
Basin Length	3179.4 m
Form factor	0.66785
Circularity ratio	0.71011
Elongation ratio	0.92182
Highest Stream order	5
Max elevation	382.0 m
Min elevation	345.0 m
Mean bifurcation ratio	2.8359
Stream frequency	70.6570 per km ²
Relief	37.00 m
Drainage density	9.0480 km/km ²
Length of overland flow	55.260 m

CATCHMENT CLIMATOLOGY

