

Magar Pur Dam

Location	25.2875° N, 78.8611° E
State	Uttar Pradesh
Nearest City	Jhansi
Year of Completion	1694
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	10.2 m
Dam length	739.1 m
Reservoir Area	18130000.0 m ²
Gross storage capacity	2460000.0 m ³
Effective storage capacity	1722000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	14.0 km ²
Perimeter of catchment	18.4 km
Basin Length	6495.9 m
Form factor	0.33269
Circularity ratio	0.52251
Elongation ratio	0.65062
Highest Stream order	5
Max elevation	296.0 m
Min elevation	243.0 m
Mean bifurcation ratio	5.2350
Stream frequency	72.0900 per km ²
Relief	53.00 m
Drainage density	8.9790 km/km ²
Length of overland flow	55.687 m

CATCHMENT CLIMATOLOGY

