

Matatila Dam

Location	25.0972° N, 78.3725° E
State	Uttar Pradesh
Nearest City	Jhansi
Year of Completion	1958
Operated and Maintained by	Uttarakhand Jal Vidyut Nigam Limited
River Basin	Ganga
River	Betwa
Dam Type	Earthfill Embankment
Height above lowest foundation level	45.7 m
Dam length	6300.0 m
Reservoir Area	138850000.0 m ²
Gross storage capacity	1132000000.0 m ³
Effective storage capacity	1019400000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	20344.0 km ²
Perimeter of catchment	1016.2 km
Basin Length	284370.0 m
Form factor	0.25158
Circularity ratio	0.24765
Elongation ratio	0.56578
Highest Stream order	10
Max elevation	677.0 m
Min elevation	260.0 m
Mean bifurcation ratio	2.1293
Stream frequency	74.3370 per km ²
Relief	417.00 m
Drainage density	9.9820 km/km ²
Length of overland flow	50.089 m

CATCHMENT CLIMATOLOGY

