

Meja Dam

Location	24.8650° N, 82.3989° E
State	Uttar Pradesh
Nearest City	Mirzapur
Year of Completion	1987
Operated and Maintained by	Uttar Pradesh Irrigation and Water Resources Department
River Basin	Ganga
River	Belan
Dam Type	Earthfill Embankment
Height above lowest foundation level	40.0 m
Dam length	2000.0 m
Reservoir Area	47400000.0 m ²
Gross storage capacity	303120000.0 m ³
Effective storage capacity	267340000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2023.9 km ²
Perimeter of catchment	307.6 km
Basin Length	106700.0 m
Form factor	0.17776
Circularity ratio	0.26892
Elongation ratio	0.47558
Highest Stream order	8
Max elevation	476.0 m
Min elevation	149.0 m
Mean bifurcation ratio	4.2064
Stream frequency	73.2890 per km ²
Relief	327.00 m
Drainage density	9.6810 km/km ²
Length of overland flow	51.648 m

CATCHMENT CLIMATOLOGY

