

Dhekwan Dam

Location	25.1903° N, 78.5406° E
State	Uttar Pradesh
Nearest City	Mirzapur
Year of Completion	1985
Operated and Maintained by	Uttar Pradesh Irrigation and Water Resources Department
River Basin	Ganga
River	Phatidari Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	20.9 m
Dam length	1700.0 m
Reservoir Area	13500000.0 m ²
Gross storage capacity	9900000.0 m ³
Effective storage capacity	8330000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	20739.0 km ²
Perimeter of catchment	1054.7 km
Basin Length	301780.0 m
Form factor	0.22772
Circularity ratio	0.23433
Elongation ratio	0.53828
Highest Stream order	10
Max elevation	677.0 m
Min elevation	241.0 m
Mean bifurcation ratio	2.1144
Stream frequency	74.2840 per km ²
Relief	436.00 m
Drainage density	9.9710 km/km ²
Length of overland flow	50.148 m

CATCHMENT CLIMATOLOGY

