

Vijai Pur Dam

Location	25.1239° N, 82.3850° E
State	Uttar Pradesh
Nearest City	Mirzapur
Year of Completion	1983
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	14.3 m
Dam length	570.0 m
Reservoir Area	39937.0 m ²
Gross storage capacity	559000.0 m ³
Effective storage capacity	391300.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	138.2 km ²
Perimeter of catchment	57.5 km
Basin Length	18117.0 m
Form factor	0.42094
Circularity ratio	0.52517
Elongation ratio	0.73184
Highest Stream order	7
Max elevation	167.0 m
Min elevation	79.0 m
Mean bifurcation ratio	2.1570
Stream frequency	77.1800 per km ²
Relief	88.00 m
Drainage density	10.3400 km/km ²
Length of overland flow	48.357 m

CATCHMENT CLIMATOLOGY

