

Dongia Dam

Location	24.9033° N, 83.0089° E
State	Uttar Pradesh
Nearest City	Mirzapur
Year of Completion	1918
Operated and Maintained by	Uttar Pradesh Irrigation and Water Resources Department
River Basin	Ganga
River	Garai
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.3 m
Dam length	2012.0 m
Reservoir Area	70850000.0 m ²
Gross storage capacity	28330000.0 m ³
Effective storage capacity	20250000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	77.5 km ²
Perimeter of catchment	36.6 km
Basin Length	11681.0 m
Form factor	0.56822
Circularity ratio	0.72821
Elongation ratio	0.85029
Highest Stream order	6
Max elevation	313.0 m
Min elevation	251.0 m
Mean bifurcation ratio	2.3271
Stream frequency	75.0630 per km ²
Relief	62.00 m
Drainage density	10.0750 km/km ²
Length of overland flow	49.629 m

CATCHMENT CLIMATOLOGY

