

Fatehpur Dam

Location	24.0361° N, 76.4764° E
State	Madhya Pradesh
Nearest City	Khilchipur
Year of Completion	1975
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.1 m
Dam length	640.0 m
Reservoir Area	257000.0 m ²
Gross storage capacity	808000.0 m ³
Effective storage capacity	736000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	7.1 km ²
Perimeter of catchment	12.8 km
Basin Length	4163.6 m
Form factor	0.41137
Circularity ratio	0.54552
Elongation ratio	0.72348
Highest Stream order	5
Max elevation	437.0 m
Min elevation	397.0 m
Mean bifurcation ratio	2.5783
Stream frequency	78.5260 per km ²
Relief	40.00 m
Drainage density	10.7290 km/km ²
Length of overland flow	46.604 m

CATCHMENT CLIMATOLOGY

