

Fatepur Dam

Location	22.9322° N, 80.6858° E
State	Madhya Pradesh
Nearest City	Niwas
Year of Completion	1980
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Kukra
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.7 m
Dam length	381.0 m
Reservoir Area	327900.0 m ²
Gross storage capacity	1224000.0 m ³
Effective storage capacity	1196000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	9.0 km ²
Perimeter of catchment	15.3 km
Basin Length	5021.9 m
Form factor	0.35638
Circularity ratio	0.48342
Elongation ratio	0.67339
Highest Stream order	5
Max elevation	755.0 m
Min elevation	652.0 m
Mean bifurcation ratio	2.5604
Stream frequency	75.4370 per km ²
Relief	103.00 m
Drainage density	9.9580 km/km ²
Length of overland flow	50.213 m

CATCHMENT CLIMATOLOGY

