

Kankerkheda Dam

Location	23.0931° N, 77.0394° E
State	Madhya Pradesh
Nearest City	Ichhwar
Year of Completion	1988
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Utawali
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.8 m
Dam length	2040.0 m
Reservoir Area	1602000.0 m ²
Gross storage capacity	4259000.0 m ³
Effective storage capacity	4015000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	23.5 km ²
Perimeter of catchment	21.2 km
Basin Length	7061.2 m
Form factor	0.47213
Circularity ratio	0.66104
Elongation ratio	0.77507
Highest Stream order	5
Max elevation	603.0 m
Min elevation	499.0 m
Mean bifurcation ratio	2.1671
Stream frequency	75.8680 per km ²
Relief	104.00 m
Drainage density	10.1820 km/km ²
Length of overland flow	49.107 m

CATCHMENT CLIMATOLOGY

