

Kolwakhedi Dam

Location	23.2506° N, 75.0719° E
State	Madhya Pradesh
Nearest City	Ratlam
Year of Completion	Not Available
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Mahi
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	19.0 m
Dam length	1690.0 m
Reservoir Area	1403000.0 m ²
Gross storage capacity	580000.0 m ³
Effective storage capacity	515000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	29.0 km ²
Perimeter of catchment	26.9 km
Basin Length	9888.5 m
Form factor	0.29694
Circularity ratio	0.50474
Elongation ratio	0.61467
Highest Stream order	6
Max elevation	509.0 m
Min elevation	445.0 m
Mean bifurcation ratio	2.1457
Stream frequency	71.6010 per km ²
Relief	64.00 m
Drainage density	9.3450 km/km ²
Length of overland flow	53.502 m

CATCHMENT CLIMATOLOGY

