

Koyalkhedi Dam

Location	23.4489° N, 75.9194° E
State	Madhya Pradesh
Nearest City	Ujjain
Year of Completion	1980
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.1 m
Dam length	960.0 m
Reservoir Area	951000.0 m ²
Gross storage capacity	2675000.0 m ³
Effective storage capacity	2360000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	23.2 km ²
Perimeter of catchment	20.9 km
Basin Length	7281.1 m
Form factor	0.43817
Circularity ratio	0.66770
Elongation ratio	0.74667
Highest Stream order	6
Max elevation	515.0 m
Min elevation	467.0 m
Mean bifurcation ratio	3.6592
Stream frequency	69.2670 per km ²
Relief	48.00 m
Drainage density	8.7690 km/km ²
Length of overland flow	57.020 m

CATCHMENT CLIMATOLOGY

