

Datia Dam

Location	23.9339° N, 79.6397° E
State	Madhya Pradesh
Nearest City	Hata
Year of Completion	1977
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Kakli Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	19.5 m
Dam length	75.0 m
Reservoir Area	1120000.0 m ²
Gross storage capacity	2700000.0 m ³
Effective storage capacity	2440000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	8.6 km ²
Perimeter of catchment	13.2 km
Basin Length	4121.4 m
Form factor	0.50617
Circularity ratio	0.62463
Elongation ratio	0.80252
Highest Stream order	5
Max elevation	473.0 m
Min elevation	341.0 m
Mean bifurcation ratio	4.6193
Stream frequency	75.9510 per km ²
Relief	132.00 m
Drainage density	10.0310 km/km ²
Length of overland flow	49.845 m

CATCHMENT CLIMATOLOGY

