

Datla Dam

Location	23.7486° N, 80.5689° E
State	Madhya Pradesh
Nearest City	Katni
Year of Completion	1966
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	36.2 m
Dam length	408.4 m
Reservoir Area	2208000.0 m ²
Gross storage capacity	7550000.0 m ³
Effective storage capacity	7290000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.5 km ²
Perimeter of catchment	7.0 km
Basin Length	2234.3 m
Form factor	0.49795
Circularity ratio	0.63243
Elongation ratio	0.79598
Highest Stream order	4
Max elevation	425.0 m
Min elevation	405.0 m
Mean bifurcation ratio	3.9559
Stream frequency	69.1910 per km ²
Relief	20.00 m
Drainage density	8.4850 km/km ²
Length of overland flow	58.931 m

CATCHMENT CLIMATOLOGY

