

Datoda Dam

Location	22.5861° N, 75.8733° E
State	Madhya Pradesh
Nearest City	Mhow
Year of Completion	1977
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.1 m
Dam length	1110.0 m
Reservoir Area	608000.0 m ²
Gross storage capacity	1116000.0 m ³
Effective storage capacity	1006000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5.0 km ²
Perimeter of catchment	9.9 km
Basin Length	2916.1 m
Form factor	0.58612
Circularity ratio	0.63375
Elongation ratio	0.86358
Highest Stream order	5
Max elevation	722.0 m
Min elevation	584.0 m
Mean bifurcation ratio	2.6803
Stream frequency	83.8650 per km ²
Relief	138.00 m
Drainage density	11.4150 km/km ²
Length of overland flow	43.802 m

CATCHMENT CLIMATOLOGY

