

Chithara Dam

Location	24.8761° N, 80.8544° E
State	Madhya Pradesh
Nearest City	Raghuraj Nagar
Year of Completion	1981
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.0 m
Dam length	720.0 m
Reservoir Area	417000.0 m ²
Gross storage capacity	1462000.0 m ³
Effective storage capacity	1370000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5.7 km ²
Perimeter of catchment	9.9 km
Basin Length	3484.7 m
Form factor	0.47338
Circularity ratio	0.73213
Elongation ratio	0.77610
Highest Stream order	5
Max elevation	462.0 m
Min elevation	367.0 m
Mean bifurcation ratio	2.5291
Stream frequency	87.5050 per km ²
Relief	95.00 m
Drainage density	12.2170 km/km ²
Length of overland flow	40.925 m

CATCHMENT CLIMATOLOGY

