

Chiraipani Dam

Location	23.9114° N, 79.6139° E
State	Madhya Pradesh
Nearest City	Damoh
Year of Completion	1913
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.9 m
Dam length	1575.0 m
Reservoir Area	460000.0 m ²
Gross storage capacity	2700000.0 m ³
Effective storage capacity	2517000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	11.4 km ²
Perimeter of catchment	16.0 km
Basin Length	3789.7 m
Form factor	0.79494
Circularity ratio	0.56136
Elongation ratio	1.00570
Highest Stream order	5
Max elevation	467.0 m
Min elevation	358.0 m
Mean bifurcation ratio	2.4359
Stream frequency	77.9540 per km ²
Relief	109.00 m
Drainage density	10.7040 km/km ²
Length of overland flow	46.710 m

CATCHMENT CLIMATOLOGY

