

Chitron Dam

Location	23.7319° N, 81.4975° E
State	Madhya Pradesh
Nearest City	Shahdol
Year of Completion	1979
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.6 m
Dam length	480.0 m
Reservoir Area	306460.0 m ²
Gross storage capacity	1110000.0 m ³
Effective storage capacity	932000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.4 km ²
Perimeter of catchment	6.0 km
Basin Length	2340.2 m
Form factor	0.43512
Circularity ratio	0.82819
Elongation ratio	0.74407
Highest Stream order	4
Max elevation	489.0 m
Min elevation	451.0 m
Mean bifurcation ratio	2.7505
Stream frequency	79.7310 per km ²
Relief	38.00 m
Drainage density	10.3170 km/km ²
Length of overland flow	48.464 m

CATCHMENT CLIMATOLOGY

