

Chandania Dam

Location	23.1808° N, 81.3392° E
State	Madhya Pradesh
Nearest City	Sohagpur
Year of Completion	1964
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Murna Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.8 m
Dam length	72.0 m
Reservoir Area	457200.0 m ²
Gross storage capacity	1228000.0 m ³
Effective storage capacity	1110000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	17.3 km ²
Perimeter of catchment	23.7 km
Basin Length	7725.8 m
Form factor	0.29004
Circularity ratio	0.38676
Elongation ratio	0.60749
Highest Stream order	5
Max elevation	973.0 m
Min elevation	539.0 m
Mean bifurcation ratio	2.3888
Stream frequency	83.7560 per km ²
Relief	434.00 m
Drainage density	11.8820 km/km ²
Length of overland flow	42.079 m

CATCHMENT CLIMATOLOGY

