

Chandgarh Dam

Location	21.7622° N, 75.4408° E
State	Madhya Pradesh
Nearest City	Segaon
Year of Completion	2001
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Hathni
Dam Type	Earthfill Embankment
Height above lowest foundation level	20.1 m
Dam length	436.0 m
Reservoir Area	620000.0 m ²
Gross storage capacity	3850000.0 m ³
Effective storage capacity	2687000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	26.2 km ²
Perimeter of catchment	24.4 km
Basin Length	9490.0 m
Form factor	0.29077
Circularity ratio	0.55398
Elongation ratio	0.60825
Highest Stream order	5
Max elevation	713.0 m
Min elevation	329.0 m
Mean bifurcation ratio	2.5362
Stream frequency	82.2180 per km ²
Relief	384.00 m
Drainage density	11.4990 km/km ²
Length of overland flow	43.482 m

CATCHMENT CLIMATOLOGY

