

Rangawan Dam

Location	24.6869° N, 79.8586° E
State	Madhya Pradesh
Nearest City	Chhatar Pur
Year of Completion	1957
Operated and Maintained by	Madhya Pradesh Irrigation and Water Resources Department
River Basin	Ganga
River	Bannel Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	27.4 m
Dam length	2073.0 m
Reservoir Area	25900000.0 m ²
Gross storage capacity	164238000.0 m ³
Effective storage capacity	155177000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	763.7 km ²
Perimeter of catchment	156.6 km
Basin Length	48313.0 m
Form factor	0.32719
Circularity ratio	0.39143
Elongation ratio	0.64522
Highest Stream order	8
Max elevation	528.0 m
Min elevation	213.0 m
Mean bifurcation ratio	2.3346
Stream frequency	72.3560 per km ²
Relief	315.00 m
Drainage density	9.4700 km/km ²
Length of overland flow	52.798 m

CATCHMENT CLIMATOLOGY

