

Dhanras Dam

Location	22.2911° N, 81.9167° E
State	Chhattisgarh
Nearest City	Kota
Year of Completion	1911
Operated and Maintained by	Chhattisgarh Water Resources Department
River Basin	Mahanadi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.0 m
Dam length	450.0 m
Reservoir Area	405000.0 m ²
Gross storage capacity	1666000.0 m ³
Effective storage capacity	1600000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	11.4 km ²
Perimeter of catchment	16.9 km
Basin Length	6541.7 m
Form factor	0.26665
Circularity ratio	0.49990
Elongation ratio	0.58248
Highest Stream order	5
Max elevation	689.0 m
Min elevation	316.0 m
Mean bifurcation ratio	2.2458
Stream frequency	77.1180 per km ²
Relief	373.00 m
Drainage density	10.3660 km/km ²
Length of overland flow	48.235 m

CATCHMENT CLIMATOLOGY

