

Uperwah Dam

Location	21.2289° N, 81.1272° E
State	Chhattisgarh
Nearest City	Rajnandgaon
Year of Completion	1985
Operated and Maintained by	Chhattisgarh Water Resources Department
River Basin	Mahanadi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.7 m
Dam length	1737.0 m
Reservoir Area	510000.0 m ²
Gross storage capacity	1468000.0 m ³
Effective storage capacity	1349000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.9 km ²
Perimeter of catchment	11.3 km
Basin Length	3108.0 m
Form factor	0.50467
Circularity ratio	0.47799
Elongation ratio	0.80133
Highest Stream order	4
Max elevation	344.0 m
Min elevation	304.0 m
Mean bifurcation ratio	2.3728
Stream frequency	74.6680 per km ²
Relief	40.00 m
Drainage density	9.9260 km/km ²
Length of overland flow	50.372 m

CATCHMENT CLIMATOLOGY

