

Urdan Dam

Location	21.9058° N, 77.8392° E
State	Madhya Pradesh
Nearest City	Betul
Year of Completion	1978
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.0 m
Dam length	630.0 m
Reservoir Area	574000.0 m ²
Gross storage capacity	2084000.0 m ³
Effective storage capacity	1950000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	6.0 km ²
Perimeter of catchment	10.8 km
Basin Length	3916.1 m
Form factor	0.38896
Circularity ratio	0.64305
Elongation ratio	0.70349
Highest Stream order	4
Max elevation	690.0 m
Min elevation	633.0 m
Mean bifurcation ratio	2.1658
Stream frequency	72.7580 per km ²
Relief	57.00 m
Drainage density	9.7240 km/km ²
Length of overland flow	51.419 m

CATCHMENT CLIMATOLOGY

