

Upper Balwada Dam

Location	22.0681° N, 75.6558° E
State	Madhya Pradesh
Nearest City	Barwaha
Year of Completion	1980
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.0 m
Dam length	600.0 m
Reservoir Area	268000.0 m ²
Gross storage capacity	1880000.0 m ³
Effective storage capacity	1620000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.6 km ²
Perimeter of catchment	6.8 km
Basin Length	2027.8 m
Form factor	0.63131
Circularity ratio	0.71350
Elongation ratio	0.89625
Highest Stream order	4
Max elevation	221.0 m
Min elevation	194.0 m
Mean bifurcation ratio	2.2952
Stream frequency	75.1160 per km ²
Relief	27.00 m
Drainage density	9.7440 km/km ²
Length of overland flow	51.316 m

CATCHMENT CLIMATOLOGY

