

Vervada Dam

Location	21.9383° N, 74.6869° E
State	Madhya Pradesh
Nearest City	Barwani
Year of Completion	1993
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	21.6 m
Dam length	300.0 m
Reservoir Area	29000.0 m ²
Gross storage capacity	2039000.0 m ³
Effective storage capacity	1841000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	23.5 km ²
Perimeter of catchment	22.0 km
Basin Length	7211.6 m
Form factor	0.45176
Circularity ratio	0.61288
Elongation ratio	0.75816
Highest Stream order	5
Max elevation	666.0 m
Min elevation	263.0 m
Mean bifurcation ratio	2.5031
Stream frequency	80.2740 per km ²
Relief	403.00 m
Drainage density	11.1180 km/km ²
Length of overland flow	44.972 m

CATCHMENT CLIMATOLOGY

