

Buddi Dam

Location	22.1319° N, 77.9489° E
State	Madhya Pradesh
Nearest City	Betul
Year of Completion	1979
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Buddinala
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.1 m
Dam length	649.4 m
Reservoir Area	319000.0 m ²
Gross storage capacity	1358000.0 m ³
Effective storage capacity	955000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.7 km ²
Perimeter of catchment	9.1 km
Basin Length	2852.9 m
Form factor	0.58305
Circularity ratio	0.72627
Elongation ratio	0.86132
Highest Stream order	4
Max elevation	654.0 m
Min elevation	420.0 m
Mean bifurcation ratio	2.5061
Stream frequency	82.1840 per km ²
Relief	234.00 m
Drainage density	11.3640 km/km ²
Length of overland flow	43.998 m

CATCHMENT CLIMATOLOGY

