

Barnoo Dam

Location	23.3419° N, 80.1153° E
State	Madhya Pradesh
Nearest City	Sihora
Year of Completion	1966
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Barnoo
Dam Type	Earthfill Embankment
Height above lowest foundation level	24.6 m
Dam length	293.4 m
Reservoir Area	1196200.0 m ²
Gross storage capacity	1032000.0 m ³
Effective storage capacity	816000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	29.1 km ²
Perimeter of catchment	30.8 km
Basin Length	11620.0 m
Form factor	0.21553
Circularity ratio	0.38557
Elongation ratio	0.52368
Highest Stream order	5
Max elevation	550.0 m
Min elevation	400.0 m
Mean bifurcation ratio	2.1419
Stream frequency	74.7370 per km ²
Relief	150.00 m
Drainage density	9.8420 km/km ²
Length of overland flow	50.804 m

CATCHMENT CLIMATOLOGY

