

Barkheda Dam

Location	22.3461° N, 74.9000° E
State	Madhya Pradesh
Nearest City	Kukshi
Year of Completion	1982
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.9 m
Dam length	620.0 m
Reservoir Area	764380.0 m ²
Gross storage capacity	732970.0 m ³
Effective storage capacity	663630.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	12.7 km ²
Perimeter of catchment	16.9 km
Basin Length	5625.5 m
Form factor	0.40186
Circularity ratio	0.55769
Elongation ratio	0.71507
Highest Stream order	5
Max elevation	331.0 m
Min elevation	232.0 m
Mean bifurcation ratio	3.1349
Stream frequency	77.5300 per km ²
Relief	99.00 m
Drainage density	10.4240 km/km ²
Length of overland flow	47.967 m

CATCHMENT CLIMATOLOGY

