

Phugawadi Dam

Location	21.6478° N, 75.0583° E
State	Madhya Pradesh
Nearest City	Dhar
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	13.1 m
Dam length	1275.0 m
Reservoir Area	112000.0 m ²
Gross storage capacity	3198000.0 m ³
Effective storage capacity	2838000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	1.7 km ²
Perimeter of catchment	5.6 km
Basin Length	1117.6 m
Form factor	1.34370
Circularity ratio	0.67879
Elongation ratio	1.30750
Highest Stream order	4
Max elevation	504.0 m
Min elevation	441.0 m
Mean bifurcation ratio	2.4064
Stream frequency	78.6550 per km ²
Relief	63.00 m
Drainage density	10.5020 km/km ²
Length of overland flow	47.608 m

CATCHMENT CLIMATOLOGY

