

Phoodra Dam

Location	23.1361° N, 76.6083° E
State	Madhya Pradesh
Nearest City	Ashta
Year of Completion	2002
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.4 m
Dam length	892.0 m
Reservoir Area	365000.0 m ²
Gross storage capacity	1038000.0 m ³
Effective storage capacity	950000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	23.8 km ²
Perimeter of catchment	21.6 km
Basin Length	8815.2 m
Form factor	0.30657
Circularity ratio	0.63987
Elongation ratio	0.62456
Highest Stream order	6
Max elevation	502.0 m
Min elevation	463.0 m
Mean bifurcation ratio	2.0624
Stream frequency	72.0310 per km ²
Relief	39.00 m
Drainage density	9.3520 km/km ²
Length of overland flow	53.463 m

CATCHMENT CLIMATOLOGY

