

Purwa Dam

Location	24.7936° N, 81.2483° E
State	Madhya Pradesh
Nearest City	Sidhi
Year of Completion	1991
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.0 m
Dam length	540.0 m
Reservoir Area	119000.0 m ²
Gross storage capacity	768000.0 m ³
Effective storage capacity	712000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	8.1 km ²
Perimeter of catchment	11.8 km
Basin Length	4171.9 m
Form factor	0.46342
Circularity ratio	0.72467
Elongation ratio	0.76789
Highest Stream order	4
Max elevation	309.0 m
Min elevation	268.0 m
Mean bifurcation ratio	2.7813
Stream frequency	80.4630 per km ²
Relief	41.00 m
Drainage density	10.2990 km/km ²
Length of overland flow	48.549 m

CATCHMENT CLIMATOLOGY

